



46226 National Road
St. Clairsville, Ohio 43950

PHONE: (740) 338-3100
FAX: (740) 338-3409

May 8, 2019

Via Certified Mail

U.S. Nuclear Regulatory Commission, Region 1
2100 Renaissance Blvd., Ste. 100
King of Prussia, Pennsylvania 19426
Attn: DNMS LAT – Randolph C. Ragland, Jr.

***Re: Change of Control/Name Change – NRC License No. 34-35134-02, NRC
Docket No. 03038721, Mail Control No. 611645***

Dear Mr. Ragland:

We are in receipt of your electronic mail to Mr. Greg Evans, dated April 16, 2019, regarding the above-captioned matter. Please see responses enclosed herein. If you have any questions, please do not hesitate to contact Mr. Evans at (740) 338-3205 or gregevens@coalsource.com.

Regards,
THE OHIO COUNTY COAL COMPANY

Jason D. Witt, Esq.
Secretary

CONSOLIDATION COAL COMPANY

Jason D. Witt, Esq.
Secretary

Enclosures

611645
NMSS/RGN1 MATERIALS-002

REC RG1050919 AM1001

Information Needed For Transfer of Control Application

Include a contact name and either U.S. Nuclear Regulatory Commission (NRC) regional office or Headquarters telephone numbers for follow-up information, as required.

NRC Region: One (1)

Contact: R. Ragland

Telephone: (610) 337-5083

Fax: (610) 337-5269

Definitions:

Control: Control of a license is in the hands of the person or persons who are empowered to decide when and how that license will be used. That control is to be found in the person or persons who, because of ownership or authority explicitly delegated by the owners, possess the power to determine corporate policy and, thus, the direction of the activities under the license.

Transferee: A transferee is an entity that proposes to purchase or otherwise gain control of an NRC-licensed operation.

Transferor: A transferor is an NRC licensee selling or otherwise giving up control of a licensed operation.

Information Needed for Transfer of Control

Licensees must provide full information and obtain NRC's **prior written consent** before transferring control of the license. Provide the following information concerning changes of control by the applicant (transferor and/or transferee, as appropriate). If any items are not applicable, so state.

1. Describe any planned changes in the organization, including but not limited to, transfer of stocks or assets and mergers, change in members on Board of Directors, etc. Provide the new licensee name, mailing address, and contact information, including phone numbers. Clearly identify when the amendment request is due to a name change only.

This change is for the name change only.

2. Describe any changes in personnel or duties that relate to the licensed program. Include training and experience for new personnel and any changes in the training program.

There are no changes in personnel or duties related to this license.

3. Describe any changes in the location, facilities, equipment, radiation safety program, use, possession, waste management, or other procedures that relate to the licensed program.

The devices are not changing location.

4. Describe the status of the licensee's facilities, equipment, and radiation safety program, including any known contamination and whether decontamination will occur prior to transfer. Include the status of calibrations, leak tests, area surveys, wipe tests, training, quality control, and related records.

These devices are inspected and have a leak test performed on them every six (6) months. Please see leak test enclosed.

5. If current decommissioning funding plans (DFP) will be changed as a result of the transfer, the revised DFP should be submitted. If other financial assurance documents will be changed as a result of the transfer, confirm that all financial assurance instruments associated with the license will be held in the transferee's name before the license is transferred, and as required by 10 CFR 30.35(f), the licensee must, within 30 days, submit financial instruments reflecting such changes.

This is inapplicable for this change of name.

6. Confirm that all records concerning the safe and effective decommissioning of the facility will be transferred to the transferee or to NRC, as appropriate. These records include documentation of surveys of ambient radiation levels and fixed and/or removable contamination, including methods and sensitivity.

This is inapplicable for this change of name.

7. Confirm that both transferor and transferee agree to transferring control of the licensed material and activity, and the conditions of transfer, and that the transferee has been made aware of any open inspection items and its responsibility for possible resulting enforcement actions.

Confirmed. Please note that both The Ohio County Coal Company and Consolidation Coal Company are wholly-owned subsidiaries of the same parent corporation.

8. Confirm that the transferee will abide by all constraints, conditions, requirements, representations, and commitments of the transferor or that the transferee will submit a complete description of the proposed licensed program.

Confirmed. The Ohio County Coal Company is in the process of renewing the applicable license. The application for material license was submitted March 15, 2019. Please refer to NRC License No. 34-35134-02, NRC Docket No. 03038721, and Mail Control No. 611645.

9. The transferee, in the case of fuel cycle facilities, shall provide documentation showing that it is financially qualified to conduct normal operations. The information can be in

the form of income statements and balance sheet forecasts.

This is inapplicable for this change of name.



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Prep Plant

Contact: Jeff Webb

Address: St. Rt. 2 4th St. Exit
Benwood WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B208

Device Manufacturer: Thermo Fisher

Source Manufacturer: TN

Device Model: 9719A

Source Model: 5203

Location: 2nd Fl Plt #1 "B" HM Course

Radioisotope: Cs-137

Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 12/29/2018

Leak Test Specimen Number: J-012762

Leak Test Analysis Date: 1/2/2019

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/29/2019



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B208
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5203
Location: 2nd Fl Plt #1 "B" HM Course
Radioisotope: Cs-137 Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 6/26/2018
Leak Test Specimen Number: J-012606 Leak Test Analysis Date: 7/9/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/26/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St. Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B208
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5203
Location: 2nd Fl Plt #1 "B" HM Course
Radioisotope: Cs-137 Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 12/21/2017
Leak Test Specimen Number: J-012344 Leak Test Analysis Date: 1/3/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/21/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St. Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B208
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5203
Location: 2nd Fl Plt #1 "B" HM Course
Radioisotope: Cs-137 Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 6/27/2017
Leak Test Specimen Number: J-012153 Leak Test Analysis Date: 7/10/2017
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/27/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A **Source Serial Number:** B208
Device Manufacturer: Thermo Fisher **Source Manufacturer:** TN
Device Model: 9719A **Source Model:** 5203
Location: 2nd Fl Plt #1 "B" HM Course
Radioisotope: Cs-137 **Activity:** 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 1/19/2017
Leak Test Specimen Number: J-011903 **Leak Test Analysis Date:** 1/24/2017
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/19/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd.
Dallas WV 26036 **Fax:** 304-232-2073

Device Information

Device Serial Number: N/A **Source Serial Number:** B208
Device Manufacturer: Thermo Fisher **Source Manufacturer:** TN
Device Model: 9719A **Source Model:** 5203
Location: 2nd Fl Plt #1 "B" HM Course
Radioisotope: Cs-137 **Activity:** 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 7/21/2016
Leak Test Specimen Number: J-011770 **Leak Test Analysis Date:** 7/25/2016
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/21/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9128
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A **Source Serial Number:** B208
Device Manufacturer: Thermo Fisher **Source Manufacturer:** TN
Device Model: 9719A **Source Model:** 5203
Location: 2nd Fl Plt #1 "B" HM Course
Radioisotope: Cs-137 **Activity:** 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 1/21/2016
Leak Test Specimen Number: J-011563 **Leak Test Analysis Date:** 1/26/2016
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 µCi

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/21/2016



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Energy Corp.

Contact: Greg Evans

Address: Ohio County Prep Plant
RD1 Golden Ridge Rd.
Dallas WV 26036

Phone: 304-233-9128

Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B208

Device Manufacturer: Thermo Fisher

Source Manufacturer: TN

Device Model: 9719A

Source Model: 5203

Location: 2nd Fl Plt #1 "B" HM Course

Radioisotope: Cs-137

Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/22/2015

Leak Test Specimen Number: J-011382

Leak Test Analysis Date: 8/6/2015

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/22/2016



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt Contact: Jeff Webb
Address: RD1 Golden Ridge Rd. Phone: 304-233-9126
Dallas WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B208
Device Manufacturer: Thermo Process Instr. Source Manufacturer: TN
Device Model: 9719A Source Model: 5203
Location: 2nd Fl Plt "B" HM Coarse
Radioisotope: Cs-137 Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 1/22/2015
Leak Test Specimen Number: J-011124 Leak Test Analysis Date: 1/29/2015
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 µCi

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/22/2015



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt **Contact:** Jeff Webb

Address: RD1 Golden Ridge Rd.
Dallas WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B208

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5203

Location: 2nd Fl Plt "B" HM Course

Radioisotope: Cs-137

Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/24/2014

Leak Test Specimen Number: J-011048

Leak Test Analysis Date: 7/30/2014

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/24/2015



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Brent Hutchenson
Address: Ohio City Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A **Source Serial Number:** B208
Device Manufacturer: TN **Source Manufacturer:** TN
Device Model: 9701 **Source Model:** 5203
Location: 2nd Fl Plt "B" HM Course
Radioisotope: Cs-137 **Activity:** 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 1/27/2014
Leak Test Specimen Number: J-010684 **Leak Test Analysis Date:** 2/5/2014
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/27/2014



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Prep Plant

Contact: Jeff Webb

Address: St. Rt. 2 4th St. Exit
Benwood WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B209

Device Manufacturer: Thermo Fisher

Source Manufacturer: TN

Device Model: 9719A

Source Model: 5203

Location: 2nd Fl Plt #1 "A" HM Course

Radioisotope: Cs-137

Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 12/29/2018

Leak Test Specimen Number: J-012764

Leak Test Analysis Date: 1/2/2019

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/29/2019



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B209
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5203
Location: 2nd Fl Plt #1 "A" HM Course
Radioisotope: Cs-137 Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 6/26/2018
Leak Test Specimen Number: J-012605 Leak Test Analysis Date: 7/9/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/26/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St. Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B209
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5203
Location: 2nd Fl Plt #1 "A" HM Course
Radioisotope: Cs-137 Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 12/21/2017
Leak Test Specimen Number: J-012343 Leak Test Analysis Date: 1/3/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/21/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St. Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B209
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5203
Location: 2nd Fl Plt #1 "A" HM Course
Radioisotope: Cs-137 Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 6/27/2017
Leak Test Specimen Number: J-012154 Leak Test Analysis Date: 7/10/2017
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/27/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp.	Contact: Jeff Webb
Address: Ohio County Prep Plant RD1 Golden Ridge Rd. Dallas WV 26036	Phone: 304-233-9126 Fax: 304-232-2073

Device Information

Device Serial Number: N/A	Source Serial Number: B209
Device Manufacturer: Thermo Fisher	Source Manufacturer: TN
Device Model: 9719A	Source Model: 5203
Location: 2nd Fl Plt #1 "A" HM Course	
Radioisotope: Cs-137	Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis	Leak Test Performed on: 1/19/2017
Leak Test Specimen Number: J-011902	Leak Test Analysis Date: 1/24/2017
Leak Test Analysis Performed by: Andy Haberman	Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/19/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A **Source Serial Number:** B209
Device Manufacturer: Thermo Fisher **Source Manufacturer:** TN
Device Model: 9719A **Source Model:** 5203
Location: 2nd Fl Plt #1 "A" HM Course
Radioisotope: Cs-137 **Activity:** 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 7/21/2016
Leak Test Specimen Number: J-011771 **Leak Test Analysis Date:** 7/25/2016
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 µCi

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/21/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. Contact: Jeff Webb
Address: Ohio County Prep Plant Phone: 304-233-9128
RD1 Golden Ridge Rd. Fax: 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A Source Serial Number: B209
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5203
Location: 2nd Fl Plt #1 "A" HM Course
Radioisotope: Cs-137 Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 1/21/2016
Leak Test Specimen Number: J-011560 Leak Test Analysis Date: 1/26/2016
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/21/2016



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Energy Corp.

Contact: Greg Evans

Address: Ohio County Prep Plant
RD1 Golden Ridge Rd.
Dallas WV 26036

Phone: 304-233-9128

Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B209

Device Manufacturer: Thermo Fisher

Source Manufacturer: TN

Device Model: 9719A

Source Model: 5203

Location: "A" HM Coarse 2nd Fl Plt #1

Radioisotope: Cs-137

Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/22/2015

Leak Test Specimen Number: J-011381

Leak Test Analysis Date: 8/6/2015

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/22/2016



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt **Contact:** Jeff Webb

Address: RD1 Golden Ridge Rd.
Dallas WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B209

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5203

Location: 2nd Fl Plt "A" HM Coarse

Radioisotope: Cs-137

Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 1/22/2015

Leak Test Specimen Number: J-011125

Leak Test Analysis Date: 1/29/2015

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/22/2015



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt Contact: Jeff Webb

Address: RD1 Golden Ridge Rd.
Dallas WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B209

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5203

Location: 2nd Fl Plt "A" HM Coarse

Radioisotope: Cs-137

Activity: 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/24/2014

Leak Test Specimen Number: J-011049

Leak Test Analysis Date: 7/30/2014

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/24/2015



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Brent Hutchenson
Address: Ohio City Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A **Source Serial Number:** B209
Device Manufacturer: TN **Source Manufacturer:** TN
Device Model: 9701 **Source Model:** 5203
Location: 2nd Fl Plt "A" HM Course
Radioisotope: Cs-137 **Activity:** 1000 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 1/27/2014
Leak Test Specimen Number: J-010683 **Leak Test Analysis Date:** 2/5/2014
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 µCi

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/27/2014



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Prep Plant

Contact: Jeff Webb

Address: St. Rt. 2 4th St. Exit
Benwood WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B2263

Device Manufacturer: Thermo Fisher

Source Manufacturer: TN

Device Model: 9719A

Source Model: 5201

Location: Pump Room Underflow

Radioisotope: Cs-137

Activity: 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 12/29/2018

Leak Test Specimen Number: J-012763

Leak Test Analysis Date: 1/2/2019

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/29/2019



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B2263
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5201
Location: Pump Room Underflow
Radioisotope: Cs-137 Activity: 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 6/26/2018
Leak Test Specimen Number: J-012604 Leak Test Analysis Date: 7/9/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/26/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St. Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B2263
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5201
Location: Pump Room Underflow
Radioisotope: Cs-137 Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 12/21/2017
Leak Test Specimen Number: J-012342 Leak Test Analysis Date: 1/3/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/21/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St. Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: N/A Source Serial Number: B2263
Device Manufacturer: Thermo Fisher Source Manufacturer: TN
Device Model: 9719A Source Model: 5201
Location: Pump Room Underflow
Radioisotope: Cs-137 Activity: 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 6/27/2017
Leak Test Specimen Number: J-012155 Leak Test Analysis Date: 7/10/2017
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/27/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A **Source Serial Number:** B2263
Device Manufacturer: Thermo Fisher **Source Manufacturer:** TN
Device Model: 9719A **Source Model:** 5201
Location: Pump Room Underflow
Radioisotope: Cs-137 **Activity:** 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 1/19/2017
Leak Test Specimen Number: J-011901 **Leak Test Analysis Date:** 1/24/2017
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/19/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A **Source Serial Number:** B2263
Device Manufacturer: Thermo Fisher **Source Manufacturer:** TN
Device Model: 9719A **Source Model:** 5201
Location: Pump Room Underflow
Radioisotope: Cs-137 **Activity:** 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 7/21/2016
Leak Test Specimen Number: J-011772 **Leak Test Analysis Date:** 7/25/2016
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/21/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp.	Contact: Jeff Webb
Address: Ohio County Prep Plant RD1 Golden Ridge Rd. Dallas WV 26036	Phone: 304-233-9128 Fax: 304-232-2073

Device Information

Device Serial Number: N/A	Source Serial Number: B2263
Device Manufacturer: Thermo Fisher	Source Manufacturer: TN
Device Model: 9719A	Source Model: 5201
Location: Pump Room Underflow	
Radioisotope: Cs-137	Activity: 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis	Leak Test Performed on: 1/21/2016
Leak Test Specimen Number: J-011559	Leak Test Analysis Date: 1/26/2016
Leak Test Analysis Performed by: Andy Haberman	Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/21/2016



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Energy Corp.

Contact: Greg Evans

Address: Ohio County Prep Plant
RD1 Golden Ridge Rd.
Dallas WV 26036

Phone: 304-233-9128

Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B2263

Device Manufacturer: Thermo Fisher

Source Manufacturer: TN

Device Model: 9719A

Source Model: 5201

Location: 1st FI Pump Room Overland Density

Radioisotope: Cs-137

Activity: 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/22/2015

Leak Test Specimen Number: J-011380

Leak Test Analysis Date: 8/6/2015

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/22/2016



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt **Contact:** Jeff Webb

Address: RD1 Golden Ridge Rd.
Dallas WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B2263

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5201

Location: 1st Fl Pump Room Overland Density

Radioisotope: Cs-137

Activity: 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 1/22/2015

Leak Test Specimen Number: J-011123

Leak Test Analysis Date: 1/29/2015

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/22/2015



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray Am Energy Corp.- Ohio County Prep Plt **Contact:** Jeff Webb

Address: RD1 Golden Ridge Rd.
Dallas WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: N/A

Source Serial Number: B2263

Device Manufacturer: TN

Source Manufacturer: TN

Device Model: 9701

Source Model: 5201

Location: 1st Fl Pump Room Overland Density

Radioisotope: Cs-137

Activity: 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 7/24/2014

Leak Test Specimen Number: J-011047

Leak Test Analysis Date: 7/30/2014

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/24/2015



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Brent Hutchenson
Address: Ohio City Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: N/A **Source Serial Number:** B2263
Device Manufacturer: TN **Source Manufacturer:** TN
Device Model: 9701 **Source Model:** 5201
Location: 1st FI Pump Room Overland Density
Radioisotope: Cs-137 **Activity:** 100 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 1/27/2014
Leak Test Specimen Number: J-010682 **Leak Test Analysis Date:** 2/5/2014
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/27/2014



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Prep Plant

Contact: Jeff Webb

Address: St. Rt. 2 4th St. Exit
Benwood WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: 13473

Source Serial Number: 37625-12619

Device Manufacturer: Berthold

Source Manufacturer: Berthold

Device Model: LB 7440-F-CR

Source Model: N/A

Location: 4th Fl Plt #2 "A" Int. HM

Radioisotope: Cs-137

Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 12/29/2018

Leak Test Specimen Number: J-012760

Leak Test Analysis Date: 1/2/2019

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/29/2019



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: 13473 Source Serial Number: 37625-12619
Device Manufacturer: Berthold Source Manufacturer: Berthold
Device Model: LB 7440-F-CR Source Model: N/A
Location: 4th Fl Plt #2 "A" Int. HM
Radioisotope: Cs-137 Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 6/26/2018
Leak Test Specimen Number: J-012603 Leak Test Analysis Date: 7/9/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/26/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St. Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: 13472 Source Serial Number: 37625-12619
Device Manufacturer: Berthold Source Manufacturer: Berthold
Device Model: LB5441-02-01 Source Model: LB 7440-F-CR
Location: 4th Fl Plt #2 "A" Int. HM
Radioisotope: Cs-137 Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 12/21/2017
Leak Test Specimen Number: J-012341 Leak Test Analysis Date: 1/3/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/21/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant **Contact:** Jeff Webb
Address: St. Rt. 2 4th St. Exit **Phone:** 304-233-9126
Benwood WV 26036 **Fax:** 304-232-2073

Device Information

Device Serial Number: 13473 **Source Serial Number:** 37625-12619
Device Manufacturer: Berthold **Source Manufacturer:** Berthold
Device Model: LB5441-02-0 **Source Model:** LB 7440-F-CR
Location: 4th Fl Plt #2 "A" Int. HM
Radioisotope: Cs-137 **Activity:** 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 6/27/2017
Leak Test Specimen Number: J-012152 **Leak Test Analysis Date:** 7/10/2017
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/27/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. Contact: Jeff Webb
Address: Ohio County Prep Plant Phone: 304-233-9126
RD1 Golden Ridge Rd.
Dallas WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: 13473 Source Serial Number: 37625-12619
Device Manufacturer: Berthold Source Manufacturer: Berthold
Device Model: LB5441-02-0 Source Model: LB7440-F-CR
Location: 4th Fl Plt #2 "A" Int. HM
Radioisotope: Cs-137 Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 1/19/2017
Leak Test Specimen Number: J-011899 Leak Test Analysis Date: 1/24/2017
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/19/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd.
Dallas WV 26036 **Fax:** 304-232-2073

Device Information

Device Serial Number: 13473 **Source Serial Number:** 37625-12619
Device Manufacturer: Berthold **Source Manufacturer:** Berthold
Device Model: LB5441-02-0 **Source Model:** LB7440-F-CR
Location: 4th Fl Plt #2 "A" Int. HM
Radioisotope: Cs-137 **Activity:** 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 7/21/2016
Leak Test Specimen Number: J-011774 **Leak Test Analysis Date:** 7/25/2016
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/21/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. Contact: Jeff Webb
Address: Ohio County Prep Plant Phone: 304-233-9128
RD1 Golden Ridge Rd. Fax: 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: 13473 Source Serial Number: 37625-12619
Device Manufacturer: Berthold Source Manufacturer: Berthold
Device Model: LB 5441-02-0 Source Model: LB 7440-F-CR
Location: 4th Fl Plt #2 "A" Int. HM
Radioisotope: Cs-137 Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 1/21/2016
Leak Test Specimen Number: J-011562 Leak Test Analysis Date: 1/26/2016
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/21/2016



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Prep Plant

Contact: Jeff Webb

Address: St. Rt. 2 4th St. Exit
Benwood WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: 13472

Source Serial Number: 37625-12650

Device Manufacturer: Berthold

Source Manufacturer: Berthold

Device Model: LB 7440-F-CR

Source Model: N/A

Location: 4th Fl Plt #2 "B" Int. HM

Radioisotope: Cs-137

Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 12/29/2018

Leak Test Specimen Number: J-012761

Leak Test Analysis Date: 1/2/2019

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/29/2019



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant

Contact: Jeff Webb

Address: St Rt. 2 4th St. Exit
Benwood WV 26036

Phone: 304-233-9126
Fax: 304-232-2073

Device Information

Device Serial Number: 13472

Source Serial Number: 37625-12650

Device Manufacturer: Berthold

Source Manufacturer: Berthold

Device Model: LB 7440-F-CR

Source Model: N/A

Location: 4th Fl Plt #2 "B" Int. HM

Radioisotope: Cs-137

Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis

Leak Test Performed on: 6/26/2018

Leak Test Specimen Number: J-012607

Leak Test Analysis Date: 7/9/2018

Leak Test Analysis Performed by: Andy Haberman

Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/26/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant Contact: Jeff Webb
Address: St. Rt. 2 4th St. Exit Phone: 304-233-9126
Benwood WV 26036 Fax: 304-232-2073

Device Information

Device Serial Number: 13472 Source Serial Number: 37625-12650
Device Manufacturer: Berthold Source Manufacturer: Berthold
Device Model: LB5441-02-01 Source Model: LB 7440-F-CR
Location: 4th Fl Plt #2 "B" Int. HM
Radioisotope: Cs-137 Activity: 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis Leak Test Performed on: 12/21/2017
Leak Test Specimen Number: J-012340 Leak Test Analysis Date: 1/3/2018
Leak Test Analysis Performed by: Andy Haberman Leak Test Results Indicate an Activity of: < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 6/21/2018



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Ohio County Coal Co. Prep Plant **Contact:** Jeff Webb
Address: St. Rt. 2 4th St. Exit **Phone:** 304-233-9126
Benwood WV 26036 **Fax:** 304-232-2073

Device Information

Device Serial Number: 13472 **Source Serial Number:** 37625-12650
Device Manufacturer: Berthold **Source Manufacturer:** Berthold
Device Model: LB5441-02-0 **Source Model:** LB 7440-F-CR
Location: 4th Fl Plt #2 "B" Int. HM
Radioisotope: Cs-137 **Activity:** 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 6/27/2017
Leak Test Specimen Number: J-012151 **Leak Test Analysis Date:** 7/10/2017
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 µCi

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 12/27/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd.
Dallas WV 26036 **Fax:** 304-232-2073

Device Information

Device Serial Number: 13472 **Source Serial Number:** 37625-82650
Device Manufacturer: Berthold **Source Manufacturer:** Berthold
Device Model: LB5441-02-0 **Source Model:** LB7440-F-CR
Location: 4th Fl Plt #2 "B" Int. HM
Radioisotope: Cs-137 **Activity:** 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 1/19/2017
Leak Test Specimen Number: J-011900 **Leak Test Analysis Date:** 1/24/2017
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 µCi

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/19/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9126
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: 13472 **Source Serial Number:** 37625-82650
Device Manufacturer: Berthold **Source Manufacturer:** Berthold
Device Model: LB5441-02-0 **Source Model:** LB7440-F-CR
Location: 4th Fl Plt #2 "B" Int. HM
Radioisotope: Cs-137 **Activity:** 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 7/21/2016
Leak Test Specimen Number: J-011773 **Leak Test Analysis Date:** 7/25/2016
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 µCi

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 1/21/2017



368 Butler St
Pittsburgh, PA 15223
Phone: (412) 782-1957
Fax: (412) 408-3531
www.jendco.com

JENDCO LEAK TEST CERTIFICATE

Client Information

Customer Name: Murray American Energy Corp. **Contact:** Jeff Webb
Address: Ohio County Prep Plant **Phone:** 304-233-9128
RD1 Golden Ridge Rd. **Fax:** 304-232-2073
Dallas WV 26036

Device Information

Device Serial Number: 13472 **Source Serial Number:** 37625-12650
Device Manufacturer: Berthold **Source Manufacturer:** Berthold
Device Model: LB 5441-02-0 **Source Model:** LB 7440-F-CR
Location: 4th Fl Plt #2 "B" Int. HM
Radioisotope: Cs-137 **Activity:** 10 mCi

Leak Test Information

Leak Test Performed by: Steve Ellis **Leak Test Performed on:** 1/21/2016
Leak Test Specimen Number: J-011561 **Leak Test Analysis Date:** 1/26/2016
Leak Test Analysis Performed by: Andy Haberman **Leak Test Results Indicate an Activity of:** < 0.005 μ Ci

Notification

The analysis of this leak test sample was provided by JENDCO Corporation, Pennsylvania Department of Environmental Protection License Number PA-1246. In the event this specimen indicates leakage and or contamination in excess of 0.005 microcuries, JENDCO Corporation will notify you promptly by telephone. At such time you will need to take the appropriate actions required by the governing regulatory agency. JENDCO Corporation is required by our license to report leakage and/or contamination in excess of 0.005 microcuries.

This certificate is an essential record and should be maintained for inspection by the regulatory agency.

Next LT Due: 7/21/2016