CRANDE PRAIRIE OPERATIONS PRI: 1-780-814-727 CELL:1-780-518-0812 Fax: 1-780-402-3030 Date March 25, 2009 Page 1 of Date March 25, 2009 Page 1 of Exc. Date March 25, 2009 Page 1 of Fax: 1-780-614-727 Exc. Location: Milligan Main Procedure: (RTD Job #: DS:002999 RTD Dep. #: 2327 Client: Canadian Natural Resources Limited Lot #: Location: Milligan Main P.O.#. Procedure: (RTD Job #: DS:002999 RTD doi: Sumain Main P.O.#. Procedure: (RTD Job #: DS:002099 RTD doi: Sumain Main P.O.#. Procedure: (RTD Job #: Ds:01001 Colient Main Suface Cargin Main P.O.#. Procedure: (RTD Job #: Ds:01001 Cole: ASME B 31.3 Description: Line Heater Fire Tube. Surface Temp (C°): $< 5 > 5 • < 60 = > 60$ Sof Surface Condition: Mediment SpectTION Backant No.: 313 Calibration Due Date: 12/99 Blacklight: Intensity Check & 800 µW
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RTD Dep. #: 2327 Client: Canadian Natural Resources Limited Lot #: LSD b-63-G/94-H-02 Address: For St. John, B.C. Location: Milligan Main P.O.#: Procedure: (RTD) MT.001 Client Rep.: Chris Jungen Code: ASME B 31.3 Description: Line Heater Fire Tube. Surface Condition: Weldment Machined Other Surface Condition: Mediated Machined Other Surface Temp (C°): <5 > 5 • < 60 > 50 Surface Condition: Yoke Bench Asset No.: 313 Calibration Due Date: 12/9 Blacklight: Intensity Check 800 µW(cm ²) Asset No.: Calibration Due Date: 12/9 Blacklight: Intensity Check 800 µW(cm ²) Asset No.: Calibration Due Date: 12/9 Method: A/C D/C Type: Continuous Residual Power Supply: 120 V Battery Natural Type: Dry Powder: Colour; Wet: Black and White X Fluorescent Product Manufacturer: M
Address: Fort St. John, B.C. Location: Milligan Main P.O.#: Procedure: (RTD) MT.001 Client Rep.: Chris Jungen Code: ASME B 31.3 Description: Line Heater Fire Tube. Surface Condition: Surface Conditi: Surface Conditi: Surf
P.O.#: Procedure: (RTD) MT.001 Client Rep.: Chris Jungen Code: ASME B 31.3 Description: Line Heater Fire Tube. Surface Condition: Weldment Machined Painted Surface Temp (C°): □ < 5 > 5 ◆ < 60 □ > 60 Surface Condition: MAGNETIC PARTICLE INSPECTION Bandblasted □ Other 313 Calibration Due Date: 12/09 Blacklight: Intensity Check 800 µW/cm ² Asset No.: 313 Calibration Due Date: 12/09 Blacklight: Intensity Check 800 µW/cm ² Asset No.: 313 Calibration Due Date: 12/09 Method: Q AC D/C Type: Q Continuous Residual Power Supply: Q 120 V Battery Natural Type: Dry Powder: Colour; Wet: Black and White X Fluorescent Product Manufacturer: Magnaflux Product Identification Code: 7 HF INSPECTION DETAILS Scope: 1. Performed Magnetic particle inspection on Line Heater fire tube. No cracks or defects noted from the inspection. Ref: D. Wiedman <td< td=""></td<>
Client Rep:: Chris Jungen Code: ASME B 31.3 Description: Line Heater Fire Tube. Surface Condition: Machined Painted Surface Condition: Ground Sandblasted Other Surface Temp (C°): C 5 > 5 • < 60 □ > 60 MAGNETIC PARTICLE INSPECTION Bench Asset No.: 313 Calibration Due Date: 12/09 Blacklight: Intensity Check 800 µW/cm² Asset No.: 313 Calibration Due Date: 12/09 Blacklight: Intensity Check 800 µW/cm² Asset No.: 313 Calibration Due Date: 12/09 Blacklight: Intensity Check 800 µW/cm² Asset No.: 312 V Battery Natural Type: Dry Powder: Colour; Wet: Black and White X Fluorescent Fluorescent Product Manufacturer: Magnaflux Product Identification Code: 7 HF Inspection Code: 7 HF Ref: Ref: Results: 1. Particle Inspection carried out on fire tube welds. No cracks or defects noted from the inspection. Technician: D. Wiedman <t< td=""></t<>
Description: Line Heater Fire Tube. Surface Condition: $\begin{tabular}{ c c }{ c$
Surface Condition: $\begin{tabular}{ c c c c } \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
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Equipment Type: ☑ Yoke □ Bench Asset No.: 313 Calibration Due Date: 12/09 Blacklight: Intensity Check 800 µW/cm² Asset No.: Calibration Due Date: Method: ☑ A/C D/C Type: ☑ Continuous □ Residual Power Supply: ☑ 120 V □ Battery □ Natural Type: □ Dry Powder: Colour; Wet: Black and White X Fluorescent Product Manufacturer: Magnaflux Product Identification Code: 7 HF INSPECTION DETAILS Scope: 1. Performed Magnetic particle inspection on Line Heater fire tube. Ref: Results: 1. Magnetic Particle Inspection carried out on fire tube welds. No cracks or defects noted from the inspection. . Technician: D. Wiedman CG8B /ASNT/SNT Level: 2 Start Time: Stop Time: ST .
Blacklight: Intensity Check 800 µW/cm² Asset No.: Calibration Due Date: Method: ⊠ A/C D/C Type: ⊠ Continuous Residual Power Supply: ⊠ 120 V □ Battery □ Natural Type: □ Dry Powder: Colour; Wet: Black and White X Fluorescent Product Manufacturer: Magnaflux Product Identification Code: 7 HF INSPECTION DETAILS Scope: 1. Performed Magnetic particle inspection on Line Heater fire tube. Ref: Results: 1. Magnetic Particle Inspection carried out on fire tube welds. No cracks or defects noted from the inspection. Technician: D. Wiedman CGSB-/ASNT/SNT Level: 2 Start Time: Stop Time: ST OT
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Type: Dry Powder: Colour; Wet: Black and White X Fluorescent Product Manufacturer: Magnaflux Product Identification Code: 7 HF INSPECTION DETAILS Scope: 1. Performed Magnetic particle inspection on Line Heater fire tube. Ref: Results: 1. Magnetic Particle Inspection carried out on fire tube welds. No cracks or defects noted from the inspection. Technician: D. Wiedman CGSB /ASNT/SNT Level: 2 Start Time: Stop Time: ST OT
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Signature: Method:: ET/PT/UT/MT/RT Unit: Km: Travel Time:
Assistant: G. Avery CGSB /ASNT/SNT Level: Subsistence required OT Meal
Client Signature: Consumables:
*Results are an interpretation of the inspection method, not a guarantee. Client signature indicates acceptance of report, results and applicable charges.

