C

THERMINOL
Heat Transfer Fluid

IAC
APPLICATION DATA FORM
AND PROCESS EVALUATION

MONSANTO COMPANY
ST. LOUIS, MISSOURI 63166

INDUSTRY: Aluminum

COMPANY: INTALCO Aluminum Corp

APPLICATION: Pitch Angle Mixing

DIVISION:

Bechtel & Pennsey Const.

LOCATION: Ferndale Wash.

COGNIZANT PERSONNEL:

1) [illegible] TITLE:

2) [illegible] TITLE: [illegible]

3) [illegible] TITLE: [illegible]

4) TITLE:

HEATER (Manufacturer, Design, Description): Am. [illegible] — [illegible]

[illegible] coil ~6 m Btu/hr

Rear End hat - ΔP=82-52=30 psi across heater

Capacity (BTU/Hr.):

FUEL: NAT. GAS 35 PSIG IN

Maximum Bulk Temp., °F.

PUMP: DEAN (3) #R434 3x4x8½ 3500 RPM 40 HP 460 GPM @ 170 TDH

Flow Rate: (ft./sec.)

Normal Operating Bulk Temp.: ~450 °F.

System Volume (gallons fluid): 3500 gal FR-1

METHOD OF CONTROL

Temperature: To 455°F Continuous Tin - 440°F ΔT fluid

Flow Rate: Pout-52 psig

HISTORY OF OPERATION

With THERMINOL: Start up on FR-1 [illegible] 1965

With Other Media:

Checked operation Jan 31, 1966 - Rotary joint leakage (Johnson)

MAINTENANCE HISTORY

0592434

With THERMINOL:

With Other Media:

WATER_PCB-00039511

ANALYSIS HISTORY

REASON FOR ANALYSIS: 1st Sample

DATE SAMPLE DRAWN: 7-5-66 DATE SAMPLE ANALYZED: _____

RESULTS: _____

REASON FOR ANALYSIS: _____

DATE SAMPLE DRAWN: _____ DATE SAMPLE ANALYZED: _____

RESULTS: _____

REASON FOR ANALYSIS: _____

DATE SAMPLE DRAWN: _____ DATE SAMPLE ANALYZED: _____

RESULTS: _____

DATE: _____ BY: _____

0592435

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