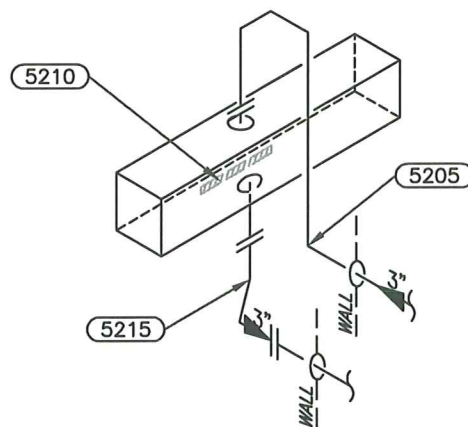




Equip. No. _____ Prov. Reg. No. Ⓐ 127038 C.R.N. C-1944.2 Serial No. 8587 Yr. Inst. _____
 Code/Div. ASME VIII, Div 1 Size: 5.75inx9.5inx81in Manufacturer: N/S Yr. Blt. 1975
 C. Stamp: U Service: SWEET PWHT: NIL Radiography: NIL Insulated: NO

Design & Materials Data

HEAD:
 Top Mat'l. _____ Top Nom. _____ Top C.A. _____
 Btm. Mat'l. _____ Btm. Nom. _____ Btm. C.A. _____
 CHANNEL:
 Material: _____ Nominal: _____ C.A. _____
 BOOT
 Head Mat'l. _____ Head Nom. _____ Head C.A. _____
 Shell Mat'l. _____ Shell Nom. _____ Shell C.A. _____
 SHELL
 Material: _____ Nominal: _____ C.A. _____
 MAWP Shell Side: 7584 kPa @ Temp. 260°C
 MAWP Tube Side: _____ @ Temp. _____

CLIENT CANADIAN NATURAL RESOURCES		
FACILITY KNOPCIK GAS PLANT LSD 09-10-74-11 W6M		
ITEM REGAN GAS COOLER		
BY: NR	DATE: 2009/11	DWG.# 52A

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: COOLER
CRN#: C 1944.2
PROV REG: A 127038
TESTED ON STREAM

FACILITY: KNOPCIK GAS PLANT UNIT #4
SERVICE: SWEET
LOCATION: 09-10-74-11 W6M
RTD JOB #: 05.003694
REFER TO DRAWING: 52A

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
5210												
Description: SHELL												
2009 11												
Min. Thick.	22.8			0								L
Average:	23								0	0		L
Analysis:												

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: COOLER PIPING
CRN#:
PROV REG:
TESTED ON STREAM

FACILITY: KNOPCIK GAS PLANT UNIT #4
SERVICE: SWEET
LOCATION: 09-10-74-11 W6M
RTD JOB #: 05.003694
REFER TO DRAWING: 52A

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
5205												
Description: 3" 90° ELBOW												
2009 11												
Min. Thick.	6.7		4.81		.7	5.5			0	0		L
Average:	6.9											L
Analysis:												
5215												
Description: 3" 90° ELBOW												
2009 11												
Min. Thick.	7.4		6.65		1	7.6			0	0		L
Average:	7.6											L
Analysis:												