



WEIGHT (ESTIMATED)	
—	EARTH TERMINAL
—	ANCHOR BOLT
VS-10-3-07	NAME PLATE WITH SADDLE
—	LIFTING LUG FOR HEAT EXCHANGERS
—	LUG SUPPORT
VS-10-3-08	SADDLE SUPPORTS FOR HEAT EXCHANGERS

[illegible]

REV. 1		REFERENCES	
G		CUSTOMER	
G		AG. MCKEE & CO	
G		PROJECT	
G		TYPE	
G		A.E.S.	
G		CRUDE COLUMN OVH TRIM CONDENSER	
G		1-E-1001AB	
G		DWG. No.	
G		HX-10375-1/2	
G		REV.	
G		a	

GENERAL DATA										STATIONARY										MOVING										ROTATING									
MARK	NO.	SIZE	RATING	SERVICE	REMARKS	4 TO FACE	NOZZLE FLANGE (CHANNEL)	NOZZLE FLANGE (SHELL)	INSULATION	PAINTING	No. OF PASSES	CORROSION ALLOWANCE	JOINT EFFICIENCY	RADIOGRAPH	POST WELD HEAT TREATMENT	PNEUM'C TEST PRESS.	HYDRO'C TEST PRESS.	OPERATING TEMP.	OPERATING PRESS.	MAX. ALLOW. PRESS. AT NEW & COLD TEMP.	DESIGN TEMP.	DESIGN PRESS.	FLUID	SURFACE AREA															
N-7A	2	1" B	160	ANSI 150 WN	RF VENT	WITH BLIND FLG	CHAINEL NOZZLE NECK	A105	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
N-4A	2	NPT 3/4"	—	#6000 COUPLING	— DRAIN	WITH PLUG	CHAINEL NOZZLE NECK	A106B	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
N-5A	2	NPT 3/4"	—	#6000 COUPLING	— VENT	WITH PLUG	NOZZLE FLANGE (SHELL)	A105	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
N-4B	2	4" B	80	ANSI 150 WN	RF CHANNEL OUT		SHELL NOZZLE NECK	A106B	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
N-3B	2	4" B	80	"	" CHANNEL IN		TUBE	B111-443	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
N-2B	2	12" B	40	"	" SHELL OUT		TUBE SHEET FLOATING	B171-464	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
N-1B	2	12" B	40	ANSI 150 WN	RF SHELL IN		TUBE SHEET STATIONARY	B171-464	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
MARK	NO.	SIZE	RATING	SERVICE	REMARKS	4 TO FACE	GASKET (FLOAT FLG. PART)	V522	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
							BOLT-NUT (TUBE SHEET PART)	A193B7, A194-2H	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
							SADDLE / PAD	SS4 / A515-60	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
							GASKET (SHELL SIDE)	V522	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
							BOLT-NUT (SHELL COVER FLG. PART)	A193B7, A194-2H	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
							PASS PARTITION PLATE	A515-60	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
							SPACER	B111-443	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
							TIE ROD	Bs BMD.2	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
							BAFFLE PLATE	ABP1	INSULATION	PAINTING	2 COATS "RUSTMASTER 585"	1	3.2 mm	85 %	SPOT	YES	5.3 kg/cm ² G	7.95 kg/cm ² G	48.9/37.8 °C	1.8 kg/cm ² G	kg/cm ² G	121.1 °C	5.3 kg/cm ² G	HC + WATER	91.9 m ² /hr														
MATERIAL SPECIFICATIONS																																							
DESIGN DATA																																							