



NO. QTY.	DRAWING/PART NO.	DESCRIPTION
1	1	WINDBOX ASSEMBLY
1	1	BRICK QUARTL
3	1	MOUNTING PLATE ASSEMBLY
4	1	PILOT ASSEMBLY
5	1	DANGER ASSEMBLY
6	1	GAS GUN ASSEMBLY
7	1	8035 SWIRLER ASSEMBLY
8	2	SURE-WEX HEAD M6 x 1/2 LG. A2-70
9	AR	180-00-0059
10	1	HIGH TEMPERATURE BONDING MORTAR
11	1	IGNITER PORT CAPPED
12	6	1 1/2" NB SIGHT PIPE ASSEMBLY
13	6	NUT HEX FULL M12 GR8 BZPP
14	3M	WASHER FLAIN M12 FLEM A C STL BZPP
15	1	06 GERMANIC FIBRE ROPE
16	12	NAME PLATE
17	4	BOLT M16 x 50 + NUT+WASHER C STL
18	2	BOLT M16 x 35 C STL
19	2	U/V FLAME SCANNER

- NOTES:
1. MATERIALS:
- ITEM 1 - PLATE "UTCS" A516 Gr-60 + IMPACT TEST AT -40 °C PERF SHEET 2 mm C. STL
 - PIPE C STL ASTM A333 Gr-6
 - INSULATION 50THK MINERAL WOOL 140kg/m³
 - SURE-WEX ST STL A2-70
 - PRE-FIRED CASTABLE REFRACTORY 1650°C SERVICE TEMPERATURE 60X AL2 O3 MIN 1
 - ITEM 2 -
 - ITEM 3 - PLATE C STL A516 GR60+IMPACT TEST AT - 40°C PIPE C STL ASTM A333 Gr-6 REFRACTORY CASTABLE 1400°C
 - ITEM 4 - PIPE C STL ASTM A333 Gr-6 NOZZLE ST STL A51 310 SHIELD ST STL A51 310
 - ITEM 5 - BLADE C STL SPINDLES A51 304 INDICATOR HANDLE & PLATE "UTCS"
 - ITEM 6 - CONE TIP ST STL A51310 - PIPE ST STL ASTM A312 TP316L - FLANGE ST STL A182 F316L - SHROUD BLADES & TUBE ST STL A51310
 - ITEM 7 - BARS ST. STL A513104 -
 - ITEM 8 - WEIGHT OF BURNER WITH BRICK 2000kg
 - ITEM 9 - WEIGHT OF BURNER WITHOUT BRICK 180kg
 - ITEM 10 - PAINT SPECIFICATION SHOTBLAST SA2.5
 - ITEM 11 - 1 COAT INORGANIC ZINC PRIMER 75um DFT
 - ITEM 12 - 2 x 25 MICROMS HT SILICONE ALLUMINIUM

FINAL
CERTIFIED

	Design	MAX.	MIN.	UNIT
Heat Duty	0.7	0.536	0.1	Mw
Fuel Gas Pressure	1.4	1.16	0.03	bar(g)
Pilot Gas Pressure	*	0.35	*	bar(g)

HAMWORTHY COMBUSTION ENGINEERING SRL

REPLACEMENT OF EXISTING INCINERATOR BURNER ENVIKOR 160

1565-130

07/01/08 AS BUILT
14-06-17 ISSUED FOR APPROVAL

TALUSMAN ENERGY INC. TALUSMAN THERM GAS

1565-130

REVISIONS

NO. DATE BY

1 07/01/08 AS BUILT

2 14-06-17 ISSUED FOR APPROVAL

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