

EEx'd' RFC TERMINAL BOX
(344 DIA REF) WITH
BOTTOM CABLE ENTRIES AS PER
NOTE 7. (SUPPLIED PLUGGED)

1 OFF M10 EARTH
STUD IN TUBESHEET
1 OFF M16 LIFTING
LUG IN TUBESHEET

EEx'e' THERMOCOUPLE JUNCTION BOX
WITH BOTTOM CABLE ENTRY AS PER
NOTE 7. (SUPPLIED PLUGGED)

1. HEATER DETAILS:
60kW, 380V, 3Ph, 3w DELTA,
50Hz, 1 STAGE.

2. CERTIFICATION:
EEx'd' IIC T3 ZONE 1 TO BS5501:
PARTS 1 & 5 :1977; EN50014 & EN50018
'BASEEFA' CERTIFICATE No. Ex94C1353X - RFC.

3. REFERENCE DRAWINGS:
WIRING DIAGRAM 7269.01.03
OVERALL G.A. 7269.01.25

4. MAIN COMPONENTS:
TUBESHEET : 6" 600lb ANSI B16.5,
RAISED FACE BLIND FLANGE.
- MATERIAL : ASTM A105N.
BAFFLE : 2mm THICK ST.ST. 316.
TERMINAL BOX : CAST IRON, RFC TYPE, EEx'd'.
JUNCTION BOX : HAWKE TYPE PL612, EEx'e'.
- MATERIAL : GLASS FILLED POLYESTER
ELEMENTS : QTY. : 9 ACTIVE, 0 SPARE,
- WATTS : 6667, VOLTS : 380,
- MATERIAL : INCOLOY 800.

5. FINISH:
HEATEX SPEC. 3003.01.61 APP. 'A' SYSTEM 1,
COLOUR :-
TERMINAL BOX : RED (RAL3002).
TUBESHEET : OFF-WHITE (08 B 15).

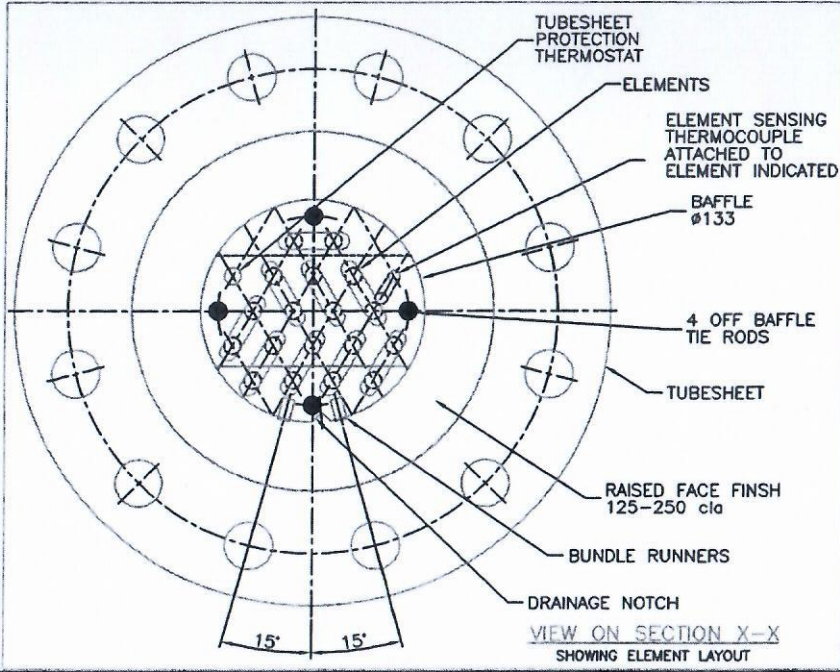
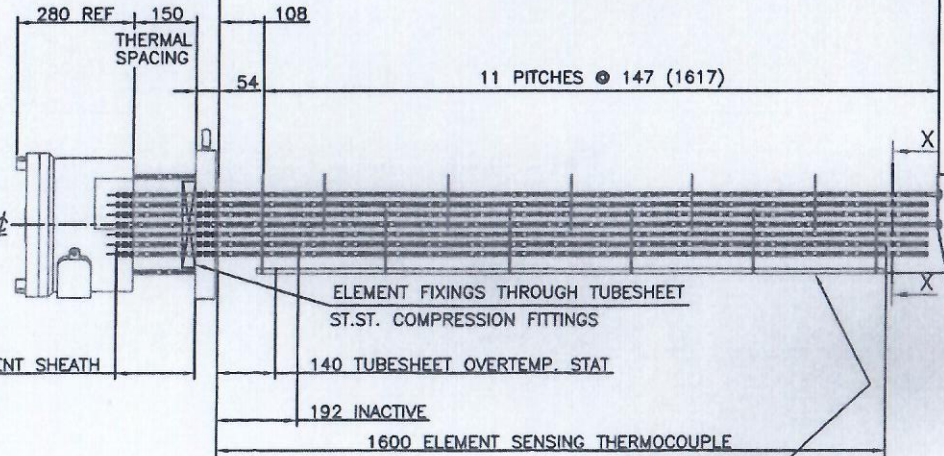
6. CONTROLS:
1 x TERMINAL BOX OVERTEMP. CUTOUT.
1 x TUBESHEET OVERTEMP. THERMOSTAT.
1 x ELEMENT SENSING THERMOCOUPLE
(TYPE 'K'), ATTACHED TO ELEMENT.

7. CABLE ENTRIES:
TERMINAL BOX:
1 x M50 (1.5p) I.S.O. (POWER)
1 x M20 (1.5p) I.S.O. (CONTROL)
THERMOCOUPLE JUNCTION BOX:
1 x M20 (1.5p) I.S.O. (THERMOCOUPLE)
CLIENT TO CONFIRM ENTRY SIZES MEET
REQUIREMENTS.

8. TESTING:
HYDROSTATIC : WI/09/110, TEST METHOD 1,
PRESSURE 172.3 BAR G, DURATION 30 MINS.
ELECTRICAL : WI/09/114.

9. ESTIMATED WEIGHT: 139 kg.

2350 WITHDRAWAL 1725 IMMERSED LENGTH



BUNDLE RUNNERS
- TACK WELDED TO BAFFLES
- NOT TO PROTRUDE MORE
THAN 2mm FROM BAFFLES
(1mm MINIMUM)

BAFFLE ASSEMBLY
- MATERIAL: SEE NOTE 4
- TIE RODS SCREWED INTO TUBESHEET
- BAFFLE TACK WELDED TO TIE RODS
- END BLIND BAFFLE SECURED WITH
NUTS AND WASHERS.

NO MODIFICATIONS PERMITTED WITHOUT THE APPROVAL OF THE G.A. MANAGER.	4						
DID THE CHANGE AFFECT ANY CERTIFICATION OR CERTIFICATE SCHEDULE DRAWING?	3						
IF YES, RECORD THE BOX NO. IN THE COLUMN TO THE RIGHT.	2	AS BUILT	KDR	SUL	MSP		
	1	FIRST ISSUE	KDR	SUL	MSP		
EECS CERTIFIED PRODUCT		REV. COMMENTS	DATE	CHG. APPR.			
HEATEX LTD HEATEX ENGLAND Carborough, Nth. 28078							
TITLE	60kW FUEL GAS HEATER BUNDLE GENERAL ARRANGEMENT TAG No. H-100A		SCALE (NOT TO SCALE) 3rd ANGLE PROJECTION		UNLAWFUL UNLESS OTHERWISE STATED		
PRODUCT DOCUMENT NUMBER	HEATEX DRAWING NUMBER		ISSUE	ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED OD NOT SCALE 1			
	7269.01.01		2	IF IN DOUBT, ASK!			
PART 1: 6/7269/72690101.DWG		FORMAT: AUTOCAD R14		HEATEX LIMITED			