



INDUSTRIAL

Air-X-Changers

ES-PRO-003-0: Engineering Change Notice

(Engineering Standards and Specifications)

This document has an effectivity of __/__/__

Approved By: _____ Date: _____
Director of Engineering

Approved By: _____ Date: _____
Production Engineering Manager

Approved By: _____ Date: _____
Drafting Supervisor

Revision	Date	Description	Author	Approved by
0	01/16/18	New	HV	

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1. Purpose

- 1.1. Establish a procedure for Project Engineers on coolers with electric equipment wiring requirements.

2. Scope

- 2.1. Define PE responsibilities and processes when electric equipment wiring is called out on the DBP.

3. Definitions, Terms & Abbreviations

- 3.1 JB – Junction Box
- 3.2 BOM – Bill of Material
- 3.3 JBI – Job Instructions
- 3.4 PTL – Parts List
- 3.5 DBP – Data Book Pricing
- 3.6 LBR- Labor Routing
- 3.7 VB – Vibration Switch
- 3.8 VT – Vibration Trasmmitter
- 3.9 CRT – Certified Drawing
- 3.10 HDR – Header
- 3.11 STR – Structure
- 3.12 PBK – PriceBook
- 3.13 SL – SyteLine
- 3.14 PE – Project Engineer
- 3.15 FF – Flatter Files

4. References & Supporting Documents

- 4.1. SyteLine
- 4.2. PriceBook
- 4.3. Quote Letter

5. Responsibilities

- 5.1 The PE shall be responsible for the following:
 - 5.1.1. Identify when electric equipment wiring is required
 - 5.1.2. Adding electric equipment wiring requirements to the LBR
 - 5.1.3. Ensure all specs are identified for electric equipment wiring
 - 5.1.4. Identify location of JB on CRT drawing if applicable
 - 5.1.5. Adding JB to PTL if applicable.

- 5.1.6. Requesting wiring diagram from Purchasing of electric equipment that needs to be wired.
- 5.1.7. Issuing wiring diagram to FF.
- 5.1.8. Verify that JB location has been identified on STR prints if applicable.

6. Procedure

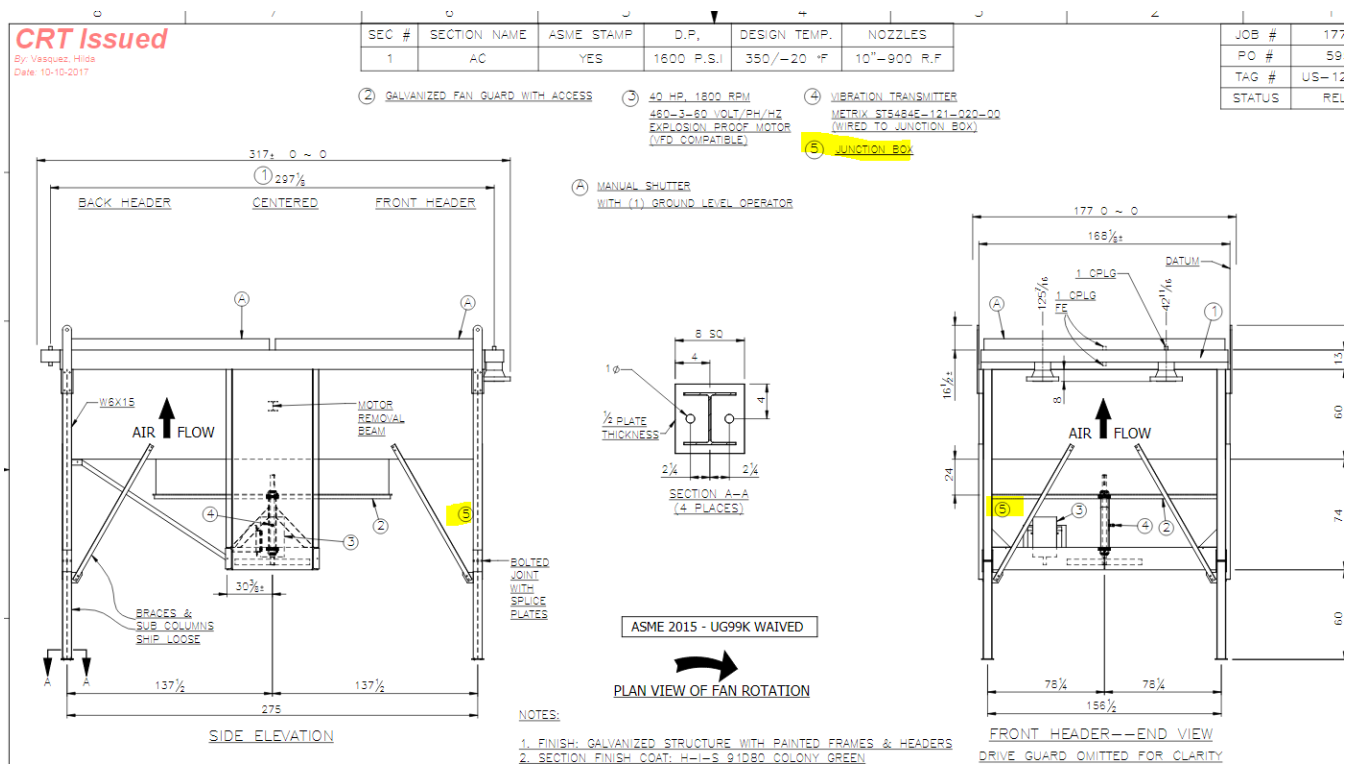
- 6.1 PE steps – production impact and priority level:
 - 6.1.1. Review entered cooler order
 - 6.1.1.1. If electric equipment wiring is called out in the DBP, add it to the LBR
 - 6.1.1.2. If description is not detailed, request for more information from the sales rep.
 - 6.1.2. Check box in LBR for “Junction Box and or/Wiring.”
 - 6.1.3. Contact sales if not all information on electric equipment wiring is provided.
 - 6.1.4. Confirm JB is located on CRT drawing if applicable.
 - 6.1.5. Add JB part number to PTL if applicable.
 - 6.1.6. Email purchasing once PTL is issued to receive wiring diagrams of electric equipment that needs to be wired.
 - 6.1.7. Issue wiring diagrams to FlatterFiles in Eng Paper folder.

7. Examples

PTL - 177083

VB2051	1	FAN SHEAVE, 50 Inch OD	
VB2730	1	FAN SHEAVE BUSHING, J TYPE, 2-7/16 Inch BORE	
VB2050	1	MOTOR SHEAVE, 6.7 Inch OD	
VB2495	1	MOTOR SHEAVE BUSHING, SK TYPE, 2-1/8 Inch BORE	
CT1169	1	TRNS,VIBRA,METRX,ST5484E-121-020-00*	
HW0130	1	HDWE,JUNCTBOX,10X8X4,HOFFMAN- A-1008CHNF	
STRUCTURE FINISH:			
GALVANIZED STRUCTURE AND FRAME W/PAINTED HEADERS			
HEADER FINISH:			

CRT



STR

