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ITS ES Form-10

General Engineering Requirements For the Use of Engineered Pressure Enclosures (EPE)

1. Owner's Name:	
2. Plant Location:	
3. Code of Construction for Pressure Piping Or *Pressure Vessel: Type of Item Requiring EPE: ☐ BEP ☐ NBEP Code of Construction: Code Edition:	
4. BEP Information:	
5. EPE Location of Installation:	
6. **Pipe/Nozzle Size:	**7. Pipe/Nozzle Thickness:**
8. Pipe/Nozzle ***C.A.: in. (mm)	**EPE C.A.:** in. (mm)
9. ASME Fluid Service:	
10. Service Fluid Contained by the Pressure Vessel or Piping:	
11. Design Pressure: psi (kPa)	**12. Design Temperature:** °F (°C)
13. Material Specification:	**14. MDMT:** °F (°C) @ psi (kPa)
15. Maximum Operating Pressure: psi (kPa)	**16. Maximum Operating Temperature:** °F (°C)
17. Flange Class (Pressure Piping): ☐ 150 ☐ 300 ☐ 400 ☐ 600 ☐ Other If other, specify the flange class:	
18. Type of Damage: ☐ Pinhole ☐ Flange Gasket ☐ Local Thinned Area ☐ Valve Bonnet Gasket ☐ Crack ☐ Valve Packing ☐ Other (Explain):	
19. Application includes drawing(s) complete with dimensions of the damage: ☐ Yes ☐ N/A	
20. Engineered Pressure Enclosure (CRN): ☐ Pending	
21. Engineered Pressure Enclosure, type: ☐ Bolted ☐ Welded	
22. Applicable Loads on the Engineered Pressure Enclosure:	
23. EPE Dry Weight: lbs. (kg)	**EPE Wet Weight:** lbs. (kg)

Note:

***EPEs installed over Pressure Vessels are only limited to nozzles, as permitted by Section 5.6.4 of bulletin ITS ES Guide 02.**

****"Pipe" refers to the piping system on which the EPE installed, whereas "Nozzle" refers to the Pressure vessel nozzle on which the EPE is installed.**

*****C.A.: Corrosion Allowance**

24. Risk assessment summary document number and revision number (Must be included in submission)**:**

Note: The results of the risk assessment and a statement that the owner accepts the risk related to installation, maintenance and removal of the EPE shall be provided in the summary document signed by the owner's representative.

25. Root cause summary document number and revision number (must be included in submission)**:**

26. Maintenance and monitoring summary document number and revision number (must be included in submission)**:**

27. Removal date (owner-user's commitment in writing must be included in submission)**:**

28. Installation procedure number:

29. Reference to NDE Reports (UT, RT, MT, etc.)**:**

30. Integrity assessment completed on item requiring EPE: Yes ☐ No ☐

31. Are the registered EPE fitting and submitted RRIMR procedure in compliance with the requirements of ITS ES Guide 02 Yes ☐ No ☐

32. Additional information

33. EPE Installer Representative for Installation Procedure

We certify that the statements made in the Installation Procedure report are correct and that the Installation Procedure conforms to the requirements of the ITS ES Guide 02

Name: **Position:**
Phone: **Email:**
Signature: **Date:**

34. Owner Representative for *RRIMR

We certify that the statements made in the *Risk assessment summary document, Root cause summary document, Installation procedure, Maintenance and monitoring summary document, and Removal date of the EPE are correct and that the entire RRIMR procedure conforms to the requirements of the ITS ES Guide 02

Name: **Position:**
Phone: **Email:**
Signature: **Date:**

35. Owner Representative for the General Engineering Requirements Form(GER)

We certify that the information included on this GER Form is correct and that information in the GER conforms to the requirements of the ITS ES Guide 02

Name: **Position:**
Phone: **Email:**
Signature: **Date:**

36. ITS Boiler & Pressure Vessel Inspector (Required for EPE Installs on BEP Piping)

the undersigned, have inspected the above unit and state that to the best of my knowledge, the EPE install described in this form has been completed in accordance with ITS ES Guide 02

Name: **Email:**
Phone: **Date:**
Signature: