

1 **FESHM 5031.1 PIPING ENGINEERING NOTE FORM**

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3 Prepared by: Preparation Date:

4
5 Piping System Title:

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7 Lab Location: Lab Location code:

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9 Purpose of system / system description:

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11 Piping System ID Number (obtain from Teamcenter):

12
13 Appropriate governing piping code:

14
15 Fluid Service Category (if B31.3):
16 Category-D / Normal / Category-M / High Pressure/High Purity (circle one)

17
18 Fluid Contents:

19
20 Design Pressure: Design Temperature:

21
22 Piping Materials:

23
24 Drawing Numbers (PID's, weldments, etc.):

25
26 Designer/Manufacturer:

27
28 Leak Test Type: Hydrostatic, Pneumatic (circle one)

29
30 Reduced Test Pressure Qualification: In-Service, Low Stress, Not Applicable (circle one)

31
32 Test Pressure: Test Fluid: Test Date:

33
34 **Statement of Compliance**

35
36 Is this piping system considered exceptional? Yes ____ No ____
37 If "Yes", follow the requirements for an Extended Engineering Note for Exceptional Piping
38 Systems.

39
40 Reviewed by: _____
41 (Print Name and lab ID #)

42 Signature: _____ Date: _____
43 (If Teamcenter electronic Workflow approval is used instead of a physical signature note this in the signature blank)

44
45
46 D/S/P Head or Designee: _____
47 (Print Name and lab ID #)

48 Signature: _____ Date: _____
49 (If Teamcenter electronic Workflow approval is used instead of a physical signature note this in the signature blank)

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The following approvals are required for exceptional piping systems:

Chief Safety Officer or Designee: _____
(Print Name and lab ID #)

Signature: _____ Date: _____
(If Teamcenter electronic Workflow approval is used instead of a physical signature note this in the signature blank)

Director or Designee: _____
(Print Name and lab ID #)

Signature: _____ Date: _____
(If Teamcenter electronic Workflow approval is used instead of a physical signature note this in the signature blank)

64 Pipe Characteristics

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66 Size: Length: Volume:

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68 Relief Valve Information

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70 Type: Manufacturer:

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72 Set Pressure: Relief Capacity:

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74 Relief Design Code:

75

76 Is the system designed to meet the identified governing code? Yes / No

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78

79 System Documentation

80

81 Process and instrumentation diagram appended? Yes / No

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83 Process and instrumentation component list appended? Yes / No

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85 Is an operating procedure necessary for safe operation? Yes / No

86 If 'yes', procedure must be appended.

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89 Fabrication Quality Assurance

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91 List vendor(s) for assemblies welded/brazed off site:

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93 List welder(s) for assemblies welded/brazed in-house:

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95 Are welder qualification records available for in-house welded/brazed assemblies? Yes / No

96 If yes, append documents or make available to reviewer.

97

98 Are all quality verification records required by the identified code available? Yes / No
99 (e.g. examiner's certification, inspector's certification, test records, etc.)

100 If yes, append documents or make available to reviewer.

101

102 Amendments

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104 A new piping engineering note form must be filled out and the applicable approvals obtained
105 for piping engineering note amendments.

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