

FESHM 5031.1 PIPING ENGINEERING NOTE FORM

Prepared by:

Preparation Date:

Piping System Title:

Lab Location:

Lab Location code:

Purpose of system / system description:

Piping System ID Number (obtain from Teamcenter):

Appropriate governing piping code:

Fluid Service Category (if B31.3):

Category-D / Normal / Category-M / High Pressure/High Purity (circle one)

Fluid Contents:

Design Pressure:

Design Temperature:

Piping Materials:

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

Designer/Manufacturer:

Leak Test Type: Hydrostatic, Pneumatic (circle one)

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

Test Pressure:

Test Fluid:

Test Date:

Statement of Compliance

Is this piping system considered exceptional? Yes ____ No ____

If "Yes", follow the requirements for an Extended Engineering Note for Exceptional Piping Systems.

Reviewed by: _____

(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)

D/S/P Head 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)

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)

Pipe Characteristics

Size:

Length:

Volume:

Relief Valve Information

Type:

Manufacturer:

Set Pressure:

Relief Capacity:

Relief Design Code:

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

System Documentation

Process and instrumentation diagram appended? Yes / No

Process and instrumentation component list appended? Yes / No

Is an operating procedure necessary for safe operation? Yes / No
If 'yes', procedure must be appended.

Fabrication Quality Assurance

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

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

Are welder qualification records available for in-house welded/brazed assemblies? Yes / No
If yes, append documents or make available to reviewer.

Are all quality verification records required by the identified code available? Yes / No
(e.g. examiner's certification, inspector's certification, test records, etc.)
If yes, append documents or make available to reviewer.

Amendments

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