

F5 – MATERIAL OR WELDS

Material

- 14. Body of Pipe ⇒ Dent Gouge Wrinkle Bend Arc Burn Other: _____
- 15. Component ⇒ Valve Fitting Vessel Extruded Outlet Other: _____
- 16. Joint ⇒ Gasket O-Ring Threads Fusion Other: _____

Weld

- 17. Butt ⇒ Pipe Fabrication Other: _____
- 18. Fillet ⇒ Branch Hot Tap Fitting Repair Sleeve Other: _____
- 19. Pipe Seam ⇒ LF ERW DSAW Seamless Flash Weld Other: _____
 HF ERW SAW Spiral Other: _____

Complete a-g if you indicate **any** cause in part F5.



a. Type of failure:

- Construction Defect ⇒ Poor Workmanship Procedure not followed Poor Construction Procedures
- Material Defect

b. Was failure due to pipe damage sustained in transportation to the construction or fabrication site? Yes No

c. Was part which leaked pressure tested before incident occurred? Yes, **complete d-g, if known** No

d. Date of test: ___/___/___ mo. ___/___/___ day ___/___/___ yr.

e. Test medium: Water Natural Gas Inert Gas Other: _____

f. Time held at test pressure: ___/___/___ hr.

g. Estimated test pressure at point of incident: _____ PSIG

F6 – EQUIPMENT OR OPERATIONS

- 20. Malfunction of Control/Relief Equipment ⇒ Valve Instrumentation Pressure Regulator Other: _____
- 21. Threads Stripped, Broken Pipe Coupling ⇒ Nipples Valve Threads Mechanical Couplings Other: _____
- 22. Ruptured or Leaking Seal/Pump Packing

23. Incorrect Operation

- a. Type: Inadequate Procedures Inadequate Safety Practices Failure to Follow Procedures Other: _____
- b. Number of employees involved in incident who failed post-incident drug test: ___/___/___ Alcohol test: ___/___/___
- c. Was person involved in incident qualified per OQ rule? Yes No d. Hours on duty for person involved: ___/___/___

F7 – OTHER

- 24. Miscellaneous, describe: _____
- 25. Unknown
 Investigation Complete Still Under Investigation (submit a supplemental report when investigation is complete)

PART G – NARRATIVE DESCRIPTION OF FACTORS CONTRIBUTING TO THE EVENT (Attach additional sheets as necessary)

Blank area for narrative description of factors contributing to the event.