

# Piping System Hydrostatic Test Report

## NASA Glenn Research Center

WELD REQUEST NUMBER: \_\_\_\_\_  
(N/A for non PSO Related)

### SYSTEM DESCRIPTION

1. SYSTEM INDEX NUMBER: \_\_\_\_\_
2. PIPE SIZE: \_\_\_\_\_
3. WALL THICKNESS: \_\_\_\_\_
4. MATERIAL: \_\_\_\_\_
5. DESIGN PRESSURE, PSIG: \_\_\_\_\_

### HYDROSTATIC TEST PARAMETERS

1. HYDROSTATIC TEST DATE: \_\_\_\_\_
2. MAXIMUM TEST PRESSURE, PSIG: \_\_\_\_\_
3. TEST FLUID: \_\_\_\_\_
4. TEST FLUID TEMPERATURE, °F: \_\_\_\_\_
5. VESSEL METAL TEMPERATURE, °F: \_\_\_\_\_
6. VERIFIED GAUGE CALIBRATION DATE: \_\_\_\_\_

### OTHER REQUIREMENTS

1. RESTRICTED AREA, FT: \_\_\_\_\_
2. COLD SHOCK (CRYO ONLY Y/N, DATE: \_\_\_\_\_
3. LEAK TEST (REQUIRED) Y/N, DATE: \_\_\_\_\_

### SPECIFIC CHECK POINTS, % OF TEST PRESSURE

1. 50% = \_\_\_\_\_
2. 60% = \_\_\_\_\_
3. 70% = \_\_\_\_\_
4. 80% = \_\_\_\_\_
5. 90% = \_\_\_\_\_
6. 100% (max) = \_\_\_\_\_

### TIME/INITIALS

- HOLD TIME \_\_\_\_\_
- HOLD FOR 15 MINUTES \_\_\_\_\_

### REMARKS:

### HYDROSTATIC PRESSURE TEST PERFORMED BY:

ORGANIZATION \_\_\_\_\_

TECHNICIANS \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

NASA WITNESS \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

OTHER \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_