

EXISTING TEXT	PROPOSED TEXT
<p>SECTION CODE • PART 2 — INSPECTION</p> <p>procedures. Alternatively, lines may be blanked or sections of pipe removed. Blowoff lines, where practicable, shall be disconnected between pressure parts and valves. All drains and vent lines shall be open.</p> <p>2) The Inspector shall review all personnel safety requirements as outlined in 1.4 prior to entry.</p> <p>Note: If a boiler has not been properly prepared for an internal inspection, the inspector shall decline to make the inspection.</p> <p>2.2.7 EVIDENCE OF LEAKAGE</p> <p>a) It is not normally necessary to remove insulating material, masonry, or fixed parts of a boiler for inspection, unless defects or deterioration are suspected or are commonly found in the particular type of boiler being inspected. Where there is evidence of leakage showing on the covering, the Inspector shall have the covering removed in order that a thorough inspection of the area may be made. Such inspection may require removal of insulating material, masonry, or fixed parts of the boiler.</p> <p>b) For additional information regarding a leak in a boiler or determining the extent of a possible defect, a leak test may be performed per 4.3.3. A07</p>	<p>liquid pressure</p> <p>[replace “leak” with “liquid pressure”]</p>

<p>2.3.3 EXTERNAL INSPECTION</p> <p>The purpose of an external inspection is to provide information regarding the general condition of the pressure vessel. The following should be reviewed:</p> <p>a) Insulation or Other Coverings If it is found that external coverings such as insulation and corrosion-resistant linings are in good condition and there is no reason to suspect any unsafe condition behind them, it is not necessary to remove them for inspection of the vessel. However, it may be advisable to remove small portions of the coverings in order to investigate attachments, nozzles, and material conditions.</p> <p>Note: Precautions should be taken when removing insulation while vessel is under pressure.</p> <p>b) Evidence of Leakage Any leakage of gas, vapor, or liquid should be investigated. Leakage coming from behind insulation coverings, supports or settings, or evidence of past leakage should be thoroughly investigated by removing any covering necessary until the source of leakage is established.</p> <p style="text-align: center;">36</p>	<p>For additional information regarding a leak in a pressure vessel or determining the extent of a possible defect a test may be performed per Section 4.3.1.</p> <p>[add new text following 2.3.3, b]</p>
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<p>JN CODE * PART 2 — INSPECTION</p> <p>2.4.6 EVIDENCE OF LEAKAGE</p> <p>a) A leak should be thoroughly investigated and corrective action initiated. Leaks beneath piping insulation should be approached with caution, especially when removing insulation from a pressurized piping system for inspection.</p> <p>b) A pressure test may be required to obtain additional information regarding the extent of a defect or detrimental condition.</p> <p>c) To determine tightness, the test pressure need be no greater than the normal operating pressure. The metal temperature should be not less than 70°F (21°C) and the maximum metal temperature during inspection should not exceed 120°F (49°C). The potential corrosive effect of the test fluid on the piping material should be considered.</p>	<p>[Change 2.4.6 b) with the following and delete paragraph “c.”]</p> <p>b) For additional information regarding a leak in piping or determining the extent of a possible defect a test may be performed per Section 4.3.1.</p> <p>e) To determine tightness, the test pressure need be no greater than the normal operating pressure. The metal temperature should be not less than 70°F (21°C) and the maximum metal temperature during inspection should not exceed 120°F (49°C). The potential corrosive effect of the test fluid on the piping material should be considered.</p>
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<p>3.4.9 CRACKS</p> <p>A07 a) Cracks may result from flaws existing in material or excessive cyclic stresses. Cracking can be caused by fatigue of the metal due to continual flexing and may be accelerated by corrosion. Fire cracks are caused by the thermal differential when the cooling effect of the water is not adequate to transfer the heat from the metal surfaces exposed to the fire. Some cracks result from a combination of all these causes mentioned.</p> <p>b) Cracks noted in shell plates and fire cracks that run from the edge of the plate into the rivet holes of girth seams should be repaired. Thermal fatigue cracks determined by engineering evaluation to be self arresting may be left in place.</p> <p>c) Areas where cracks are most likely to appear should be examined. This includes the ligaments between tube holes, from and between rivet holes, any flange where there may be repeated flexing of the plate during operation and around welded connections.</p> <p>d) Lap joints are subject to cracking where the plates lap in the longitudinal seam. If there is any evidence of leakage or other distress at this point, the Inspector shall thoroughly examine the area and, if necessary, have the plate notched or slotted in order to determine whether cracks exist in the seam. Repairs of lap joint cracks on longitudinal seams are prohibited.</p> <p>e) Where cracks are suspected, it may be necessary to subject the pressure-retaining item to a hydrostatic test or nondestructive examination to determine their presence and location.</p> <p>A07 f) Cracks shall either be repaired, or formally evaluated by Crack Propagation Analysis to quantify their existing mechanical integrity.</p>	<p>[Replace “hydrostatic” with “liquid pressure” and add “a” preceding “nondestructive.”]</p> <p>e) Where cracks are suspected, it may be necessary to subject the pressure-retaining item to a liquid pressure test or a nondestructive examination to determine their presence and location.</p>
<p style="text-align: center;">65</p>	

<p>it y a e :- r- ls e e d</p> <p>4.3.1 PRESSURE TESTING</p> <p>a) During an inspection of a pressure-retaining item, there may be certain instances where inservice conditions have adversely affected the tightness of the component or the inspection discloses unusual, hard to evaluate forms of deterioration that may affect the safety of the vessel. In these specific instances, a pressure test using air, water, or other suitable test medium may be required at the discretion of the Inspector to assess leak tightness of the pressure-retaining item.</p> <p>b) The Inspector is cautioned that a pressure test will not provide any indication of the amount of remaining service life or the future reliability of a pressure-retaining item. The pressure test in this instance only serves to determine if the pressure-retaining item contains defects that will not allow the item to retain pressure. In certain instances, pressure tests of inservice components may reduce the remaining service life of the component due to causing permanent deformation of the item.</p> <p>d :-</p> <p>70</p>	<p>4.3.1. PRESSURE TESTING TEST OR EXAMINATION METHODS APPLICABLE TO INSPECTION</p> <p>a) During an inspection of a pressure-retaining item, there may be certain instances where in-service conditions have adversely affected the tightness of the component or the inspection discloses unusual, hard to evaluate forms of deterioration that may affect the pressure retaining capability of the vessel. In these specific instances, a pressure test using air, water or other suitable test medium <u>an incompressible liquid, air, or other suitable test medium</u> may be required at the discretion of the Inspector to assess leak tightness <u>pressure boundary integrity</u> of the pressure-retaining item.</p> <p>b) The Inspector is cautioned that <u>such a pressure</u> test will not provide any indication of the amount of remaining service life or the future reliability of a pressure-retaining item. The pressure test in this instance only serves to determine if the pressure-retaining item contains defects that will not allow the item to retain pressure. In certain instances, <u>these types of pressure</u> tests of inservice components may reduce the remaining service life of the component due to causing permanent deformation of the item.</p>
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NATIONAL BOARD INSPECTION CODE		
<p>c) If an inservice pressure test is required, the following precautions shall be met:</p> <p>1) The test pressure should not exceed 90% of the set pressure of the lowest setting pressure relief device on the component to avoid damage to pressure relief devices.</p> <p>2) Test pressure should be selected or adjusted in agreement between the Inspector and the owner-user. When the original test pressure includes consideration of corrosion allowance, the test pressure may be further adjusted based upon the remaining corrosion allowance.</p> <p>3) The metal temperature during a pressure test should not be less than 60°F (16°C) unless the owner-user provides information on the toughness characteristics of the vessel material to indicate the acceptability of a lower test temperature.</p> <p>4) The metal temperature shall not be more than 120°F (49°C) unless the owner-user specifies the requirement for a higher test temperature. If the owner-user specifies a test temperature higher than 120°F (49°C), then precautions shall be taken to afford the Inspector close examination without risk of injury.</p> <p>5) When contamination of the vessel contents by any medium is prohibited or when a pressure test is not practical, other testing methods described below may be used provided the precautionary requirements of the applicable Section of the original construction code or other standards are followed. In such cases, there shall be agreement as to the testing procedure between the owner-user and the Inspector.</p>	<p>4</p> <p>L</p> <p>le</p> <p>te</p> <p>te</p> <p>te</p> <p>sj</p> <p>si</p> <p>ir</p> <p>lr</p> <p>ri</p> <p>le</p> <p>p</p> <p>a</p> <p>ic</p> <p>4</p> <p>F</p> <p>ir</p> <p>si</p> <p>a</p> <p>a</p> <p>b</p>	<p>4.3.1 (continued)</p> <p>Strike out existing c) 1 thru 4</p> <p>c) <u>Use of these test procedures, written or otherwise, shall be in agreement between the owner-user and the Inspector.</u></p> <p><u>All instrumentation, including pressure and temperature gages, used to monitor a test shall be properly calibrated.</u></p> <p>When contamination of the vessel contents by any medium <u>water</u> is prohibited or when a <u>liquid pressure</u> test is not practical other testing methods described below <u>due to weight or other considerations, other test media</u> may be used provided the precautionary requirements of the applicable Section of the original construction code or other standards are followed. In such cases, there shall be agreement as to the testing procedure between the owner-user and the Inspector.</p> <p><u>NOTE: The requirements of NBIC Part 3 shall be followed when performing a liquid pressure test following repair or alteration of a pressure retaining item.</u></p> <p>4.3.1.1 ALL LIQUID PRESSURE TESTING:</p> <p><u>Careful design of the test procedure can limit potential damage. For testing of pressure retaining items, parameters that should be considered are the test media, the test pressure, materials of construction and the metal temperature and temperature of the test media. Some carbon steel and low alloy steel materials that were particularly those manufactured prior to 1970 may not</u></p>
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have sufficient notch toughness to prevent brittle fracture during pressure testing conducted at or even above generally acceptable temperature of 60°F.:

For thick-walled pressure retaining items, it is recommended to seek technical guidance in establishing the notch toughness characteristics of the steel plate prior to pressure testing so that the metal temperature may be warmed above 60 deg F (16 deg C) to avoid brittle fracture.

The organization making any pressure test shall determine that the pressure-retaining item material has adequate notch toughness at the minimum temperature of the material and the test media during the pressure test.

4.3.1.2 LIQUID PRESSURE TEST:

A liquid pressure test is the preferred method.

Test pressure should be selected or adjusted in agreement between the Inspector and the owner-user.

The test pressure should not exceed 90% of the set pressure of the lowest setting pressure relief device on the component to avoid damage to pressure relief devices.

The liquid test pressure shall not exceed the lesser of 150% of the MAWP or the test pressure established by the original code of construction
During a liquid pressure test where the test pressure will exceed 90% of the set pressure of a pressure relief device, the device shall be removed whenever possible. If not possible or practical, a spindle restraint such as a gag may be used provided that the valve

manufacturer's instructions and recommendations are followed. Extreme caution should be employed to ensure only enough force is applied to contain pressure. Excessive mechanical force applied to the spindle restraint may result in damage to the seat and/or spindle and may interfere with the proper operation of the valve. The spindle restraint shall be removed following the test.

The organization who performs the liquid pressure test and applies a spindle restraint shall attach a metal tag that identifies the organization and date the work was performed to the pressure-relieving device. If the seal was broken, the organization shall reseal the adjustment housing with a seal that identifies the responsible organization. The process shall be acceptable to the jurisdiction where the pressure-retaining items are installed.

The metal temperature shall not be more than 120°F (49°C) unless the owner-user specifies the requirement for a higher test temperature. If the owner-user specifies a test temperature higher than 120°F (49°C), then precautions shall be taken to afford the Inspector close examination without risk of injury.

Hold-time for the liquid pressure test shall be for a minimum of 10 minutes prior to the examination by the Inspector. Test pressure shall be maintained for the time necessary for the Inspector to conduct the inspection.

4.3.1.3 PNEUMATIC PRESSURE TEST

A test using a compressible gas should not be considered due to the potential hazard unless a liquid pressure test cannot be performed without damaging the pressure retaining item or causing contamination of the internal surfaces of the pressure retaining item.

Concurrence of the owner and the Inspector shall be obtained and the Jurisdiction where required prior to conducting a pneumatic test. The test pressure shall be the minimum required to verify leak tightness integrity but shall not exceed the maximum pneumatic test pressure of the original code of construction. Precautionary requirements of the original code of construction shall be followed.

WARNING: Adequate safety precautions shall be taken to ensure personnel safety when a compressible gas is used due to the volumetric expansion potential upon release of the pressure test gas. Consideration shall be given to possible asphyxiation hazards.

Properly calibrated instrumentation may be used to detect leakage of the testing medium. The instrumentation selected shall be appropriate for the test medium. Instrumentation may detect changes in pressure or chemical concentrations and shall be sensitive enough to detect leakage.

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<p>he 4.3.2 LEAK TESTING</p> <p>Leak testing for the purpose of detecting any leakage may be performed when a pressure test cannot be performed. Some methods or techniques for leak testing may include bubble test (direct pressure or vacuum), helium mass spectrometer, pressure change, or flow measurement. Use of leak test procedures shall be in agreement between the owner-user and the Inspector. Use of written procedures and experienced personnel is required when performing leak tests. The Inspector shall review the written procedure to become familiar with limitations, adequacy, methods, and acceptance standards identified.</p>	<p>4.3.2 Delete</p>
<p>4.3.3 EVIDENCE OF LEAKAGE IN A BOILER</p> <p>For additional understanding regarding a leak in a boiler, see 2.2.7 for the extent of a possible defect. A pressure test may be performed as follows:</p> <p>a) To determine tightness, the test pressure shall be no greater than the maximum allowable working pressure stamped on the pressure-retaining item.</p> <p>b) During a pressure test where the test pressure will exceed 90% of the set pressure of a pressure relief device, the device shall be removed whenever possible. If not possible or practical, a spindle restraint such as a gag may be used provided that the valve manufacturer's instructions and recommendations are followed. Extreme caution should be employed to ensure only enough force is applied to contain pressure. Excessive mechanical force applied to the spindle restraint may result in damage to the seat and/or spindle and may interfere with the proper operation of the valve. The spindle restraint shall be removed following the test.</p>	<p>4.3.3 Delete</p>

<p>25.11 erro- g of tion ders ean nger cess ool- ical nta- ged tory nti-</p> <p>lec- lage</p> <p>ver- s to</p> <p>n of</p> <p>8 1</p> <p>c) Components subjected to fire damage can exhibit altered mechanical properties, and should be evaluated to determine if the material has retained necessary strength and toughness as specified in the original code of construction. Heating above the lower critical temperature results in a phase transformation that upon rapid cooling can dramatically affect material properties. Evaluation methods may consist of:</p> <ol style="list-style-type: none"> 1) Portable hardness testing 2) Field metallography or replication 3) Pressure testing 4) Magnetic particle testing 5) Liquid penetrant testing 6) Visual examination 7) Dimensional verification checks <p>d) If visual distortion or changes in the microstructure or mechanical properties are noted, consider replacing the component or a detailed engineering analysis shall be performed to verify continued safe operation.</p> <p>e) Techniques for evaluating fire damage are referenced in applicable standards. See 1.3.</p>	<p>Section 4.4.8.5</p> <p>3) <u>Liquid</u> pressure testing</p>

FORM NB-5 BOILER OR PRESSURE VESSEL DATA REPORT
FIRST INTERNAL INSPECTION
Standard Form for Jurisdictions Operating Under the ASME Code

1	DATE INSPECTED MO / DAY / YEAR	CERT. EXP. DATE MO / YEAR	CERTIFICATE FOOTED <input type="checkbox"/> Yes <input type="checkbox"/> No	OWNER NO.	JURISDICTION NUMBER	MAT. SO. NO. <input type="checkbox"/>	OTHER NO. <input type="checkbox"/>
2	OWNER			NATURE OF BUSINESS	KIND OF INSPECTION <input type="checkbox"/> Int. <input type="checkbox"/> Ext.	CERTIFICATE INSPECTION <input type="checkbox"/> Yes <input type="checkbox"/> No	
3	OWNER STREET ADDRESS NUMBER			OWNER'S CITY	STATE	ZIP	
4	USER'S NAME - OBJECT LOCATION			SPECIFIC LOCATION IN PLANT	OBJECT LOCATION - COUNTY		
5	USER'S STREET ADDRESS NUMBER			USER'S CITY	STATE	ZIP	
6	TYPE <input type="checkbox"/> PFT <input type="checkbox"/> WT <input type="checkbox"/> CI <input type="checkbox"/> AIR TANK <input type="checkbox"/> WATER TANK	YEAR BUILT	MANUFACTURER		YEAR INST.	<input type="checkbox"/> New <input type="checkbox"/> Secondhand	
7	USE <input type="checkbox"/> Power <input type="checkbox"/> Process <input type="checkbox"/> Steam Htg. <input type="checkbox"/> HWH <input type="checkbox"/> HWS	FUEL (BOILER)	METHOD OF FIRING (BOILER)		PRESSURE GAUGE TESTED <input type="checkbox"/> Yes <input type="checkbox"/> No		
8	PISTONS This inspection	SAFETY-RELIEF VALVES Set at	EXPLAIN IF PRESSURE CHANGED				
9	IS CONDITION OF OBJECT SUCH THAT A CERTIFICATE MAY BE ISSUED? <input type="checkbox"/> Yes <input type="checkbox"/> No (If no, explain fully on back of form - refer to code section)						
10	SHELL No. _____	DIAMETER in. _____	OVERALL LENGTH in. _____	THICKNESS in. _____	TOTAL HTG. SURFACE (SHELL) Sq. Ft. _____	MATERIAL ASME Spec. _____	
11	ALLOWABLE STRESS in. _____	BUTT STRAP in. _____	HEADERS - WT BOILERS Type _____	TYPE <input type="checkbox"/> Box <input type="checkbox"/> Sluiceway <input type="checkbox"/> Flat Wall <input type="checkbox"/> Other			
12	THIS LONGITUDINAL SEAM <input type="checkbox"/> Lap <input type="checkbox"/> Butt <input type="checkbox"/> Welded <input type="checkbox"/> Stamped <input type="checkbox"/> Riveted		RIVETS Dia. _____	PITCH in. _____	SEAM EFF. %		
13	HEAD THICKNESS in. _____	HEAD TYPE <input type="checkbox"/> Flat <input type="checkbox"/> Hemispherical <input type="checkbox"/> Ellipsoidal	ELLIPSOID DIA. in. _____	SLOPED No. _____	BOLTING in. _____	NET AREA Sq. Ft. _____	
14	TUBE SHEET THICKNESS in. _____	TUBES No. _____	PITCH (WT. BURE) in. _____	LIGAMENT EFF. %			
15	FIRE TUBE BOILERS	DISTANCE UPPER TUBES Front _____	Area Tubes _____	Area Tubes _____	AREA OF STAYS Front _____	AREA OF STAYS Rear _____	
16	STAYS ABOVE TUBES Front No. _____	Rear No. _____	Welded <input type="checkbox"/> Riveted <input type="checkbox"/> Stamped <input type="checkbox"/> Other _____	Area of Stays Front _____	Area of Stays Rear _____		
17	STAYS BELOW TUBES Front No. _____	Rear No. _____	Welded <input type="checkbox"/> Riveted <input type="checkbox"/> Stamped <input type="checkbox"/> Other _____	Area of Stays Front _____	Area of Stays Rear _____		
18	FURNACE TYPE Adv. No. _____	COOPERATED	THICKNESS in. _____	TOTAL LENGTH in. _____	TYPE LONG SEAM <input type="checkbox"/> Lap <input type="checkbox"/> Butt <input type="checkbox"/> Stamped <input type="checkbox"/> Riveted <input type="checkbox"/> Other _____		
19	STAYS/HTG. TYPE Through <input type="checkbox"/> Welded <input type="checkbox"/> Riveted	DIAMETER in. _____	PITCH in. _____	NET AREA Sq. Ft. _____			
20	SAFETY-RELIEF VALVES No. _____	SIZE in. _____	TOTAL CAPAC. Lb. _____	TYPE _____	PROPERLY DRAINED <input type="checkbox"/> Yes <input type="checkbox"/> No (If no, explain on back of form)		
21	STOP VALVES <input type="checkbox"/> Yes <input type="checkbox"/> No	ON STEAM LINE <input type="checkbox"/> Yes <input type="checkbox"/> No	ON RETURN LINES <input type="checkbox"/> Yes <input type="checkbox"/> No	OTHER CONNECTIONS <input type="checkbox"/> Yes <input type="checkbox"/> No	STEAM LINES PROPERLY DRAINED <input type="checkbox"/> Yes <input type="checkbox"/> No (If no, explain on back of form)		
22	FEED PIPE Size _____	FEED APPLIANCES No. _____	TYPE DRIVE <input type="checkbox"/> Steam <input type="checkbox"/> Motor	CHECK VALVES <input type="checkbox"/> Yes <input type="checkbox"/> No	FEED LINE <input type="checkbox"/> Yes <input type="checkbox"/> No	RETURN LINE <input type="checkbox"/> Yes <input type="checkbox"/> No	
23	WATER GAUGE GLASS No. _____	TRI COCKS No. _____	BLOWOFF PIPE Size _____	LOCATION in. _____	INSPECTION DRAININGS COMPLY WITH CODE <input type="checkbox"/> Yes <input type="checkbox"/> No (If no, explain on back of form)		
24	CARTON BOILERS Length _____	Width _____	Height _____	SECTIONS No. _____	DOES WELDING ON STEAM, FEED, BLOWOFF, AND OTHER PIPING COMPLY WITH CODE <input type="checkbox"/> Yes <input type="checkbox"/> No (If no, explain on back of form)		
25	SHOW ALL CODE STAMPING ON BACK OF FORM. Give details (see notes) for special items NOT covered above - such as double wall, etc.				DOES ALL MATERIAL OTHER THAN AS INDICATED ABOVE COMPLY WITH CODE <input type="checkbox"/> Yes <input type="checkbox"/> No (If no, explain on back of form)		
26	NAME AND TITLE OF PERSON TO WHOM REQUIREMENTS WERE EXPLAINED:						
27	I HEREBY CERTIFY THIS IS A TRUE REPORT OF MY INSPECTION Signature of Inspector			IDENT NO.	EMPLOYED BY	IDENT NO.	

Replace
"Hydro" with
"Pressure."

Complete When the Registrar Requests Board

Complete When the Registrar Requests Board

**FORM NB-6 BOILER FIRED PRESSURE VESSELS
REPORT OF INSPECTION**

1	Date Inspected Mo / Day / Year	Cert Exp Date Mo / Year	Certificate Posted Yes No	Owner No.	Jurisdiction Number	NB No.	Other No.
2	Owner			Nature of Business	Kind of Inspection Int Ext	Certificate Insp Yes No	
3	Owner Street Address Number			Owners City	State	ZIP Code	
4	User's Name - Object Location			Specific Location In Plant	Object Location - County		
5	User's Street Address Number			User's City	State	ZIP Code	
6	Type FT WT CI Other			Year Built	Manufacturer		
7	Use Power Process Steam Htg HW Htg HW Storage Storage Heat Exchange Other			Fuel (Boiler)	Method of Firing (Boiler)	Pressure Gage Tested	
8	Pressure MAWP This Inspection Prev. Inspection		Safety-Relief Valves Set at Total Capacity		Heating Surface or BTU (Input/Output)		
9	Is condition of object such that a certificate may be issued? Yes No (If no, explain fully under conditions)				Hydro test psi Date No		
<p>Conditions: With respect to the internal surface, describe and state location of any scale, oil or other deposits. Give location and extent of any corrosion and state whether active or inactive. State location and extent of any erosion, grooving, bulging, warping, cracking or similar condition. Report on any defective rivets, bowed, loose or broken stays. State condition of all tubes, tube ends, coils, nipples, etc. Describe any adverse conditions with respect to pressure gage, water column, gage glass, gage cocks, safety valves, etc. Report condition of setting, linings, baffles, supports, etc. Describe any major changes or repairs made since last inspection.</p>							
<p>Requirements: (List Code Violations)</p>							
Name and Title of Person to Whom Requirements Were Explained:							
I hereby Certify This Is A True Report Of My Inspection							
Signature of Inspector		Ident. No.		Employed By		Ident. No.	

Replace
"Hydro" with
"Pressure."

**FORM NB-7 PRESSURE VESSELS
REPORT OF INSPECTION**
Standard Form for Jurisdictions Operating Under the ASME Code

1	DATE INSPECTED MO (DEF) YEAR	DEPT EXP DATE MO YEAR	CERTIFICATE POSTED <input type="checkbox"/> Yes <input type="checkbox"/> No	OWNER NO.	JURISDICTION NUMBER	NATL. BO. NO. <input type="checkbox"/> OTHER NO. <input type="checkbox"/>
2	OWNER			NATURE OF BUSINESS	KIND OF INSPECTION <input type="checkbox"/> Int. <input type="checkbox"/> Ext.	CERTIFICATE INSPECTION <input type="checkbox"/> Yes <input type="checkbox"/> No
	OWNER'S STREET ADDRESS			OWNER'S CITY	STATE	ZIP
3	USER'S NAME - OBJECT LOCATION			SPECIFIC LOCATION IN PLANT	OBJECT LOCATION - COUNTY	
	USER'S STREET ADDRESS			USER'S CITY	STATE	ZIP
4	TYPE <input type="checkbox"/> AIR TANK <input type="checkbox"/> WATER TANK <input type="checkbox"/> OTHER			YEAR BUILT	MANUFACTURER	
5	USE <input type="checkbox"/> STORAGE <input type="checkbox"/> PROCESS <input type="checkbox"/> HEAT EXCHANGE <input type="checkbox"/> OTHER			SIZE	PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input type="checkbox"/> No	
6	PRESSURE ALLOWED THIS INSPECTION _____ PREVIOUS INSPECTION _____		SAFETY RELIEF VALVES SET AT _____ TOTAL CAPACITY _____		EXPLAIN IF PRESSURE CHANGED	
7	IS CONDITION OF OBJECT SUCH THAT A CERTIFICATE MAY BE ISSUED? <input type="checkbox"/> YES <input type="checkbox"/> NO (IF NO EXPLAIN FULLY UNDER CONDITIONS)				HYDRO TEST YES _____ PSI DATE _____ NO <input type="checkbox"/>	
8	CONDITIONS: With respect to the internal surface, describe and state location of any scale, dirt, or corrosion, pitting, bulging, welding, cracking, or similar condition. Report on any other conditions not listed here. No. supports, etc. Describe any major changes or repairs made since last inspection.					
9	REQUIREMENTS (LIST CODE VIOLATIONS)					
10	NAME AND TITLE OF PERSON TO WHOM REQUIREMENTS WERE EXPLAINED:					
I HEREBY CERTIFY THIS IS A TRUE REPORT OF MY INSPECTION			IDENT NO.	EMPLOYED BY	IDENT NO.	
SIGNATURE OF INSPECTOR						

Replace
"Hydro" with
"Pressure."

