Re-stamping and/or Nameplate Replacement Including Marking Transfer

National Board Inspection Code, ASME CSP-53, ASME CAP-21, Section I, and Section IV

National Board Members Meeting, Fall 2012
Presented by Robert Schueler, Senior Staff Engineer
## Overview Guide for Reapplication of Code Data

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<td>Pressure Relief Devices</td>
<td><em>S, M, E, PP or V</em> Designation Holder</td>
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<td>Jurisdictional Permission</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
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<td>Oversight By</td>
<td>NB Commissioned Inspector</td>
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<tr>
<td>Reapplication or ASME Mark</td>
<td>No</td>
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<td>No</td>
<td>Yes</td>
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<td>Reapplication of NB Mark</td>
<td>No</td>
<td>No</td>
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<td>Required Form</td>
<td>NB-136</td>
<td>NB Form R-1 or R-2</td>
<td>None</td>
<td>ASME Form III-1A</td>
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The National Board of Boiler and Pressure Vessel Inspectors
National Board Inspection Code
Rules For Replacement Of
Stamping Data

And / Or

Transfer Of Marking
During A Repair Or Alteration
National Board Inspection Code

The National Board Inspection Code provides for three conditions of reapplication of the Code required information (excluding the ASME Mark) for the following:

1). Replacement stamping during inservice inspection.
   - NBIC Part 2, Section 5, paragraph 5.2 and
   - Form NB-136

2). Replacement or relocation stamping during repairs or alterations
   - NBIC Part 3, Section 5, paragraph 5.11 and applicable
   - “R” Form

3). Replacement stamping for pressure reliving devices
   - NBIC Part 3, Section 5, paragraph 5.12.5
5.2 REPLACEMENT OF STAMPING DURING INSERVICE INSPECTION

5.2.1 AUTHORIZATION

a) When the stamping on a pressure-retaining item becomes indistinct or the nameplate is lost, illegible, or detached, but traceability to the original pressure-retaining item is still possible, the Inspector shall instruct the owner or user to have the stamped data replaced. All re-stamping shall be done in accordance with the original code of construction, except as modified herein. Requests for permission to re-stamp or replace nameplates shall be made to the Jurisdiction in which the pressure-retaining item is installed. Application must be made on the Replacement of stamped Data Form, NB-136 (see NBIC Part 2, 5.3.2). Proof of the original stamping and other such data, as is available, shall be furnished with the request. Permission from the Jurisdiction is not required for the reattachment of nameplates that are partially attached. When traceability cannot be established, the Jurisdiction shall be contacted.

b) When there is no Jurisdiction, the replacement of stamped: data shall be
authorized and witnessed by a National Board Commissioned Inspector and: the completed Form NB-136 shall be submitted to the National Board.

5.2.2 REPLACEMENT OF STAMPED DATA

a) The re-stamping or replacement of data shall be witnessed by a National Board Commissioned Inspector and shall be identical to the original stamping.

b) The re-stamping or replacement of a code symbol stamp shall be performed only as permitted by the governing code of construction.

c) Replacement nameplates shall be clearly marked "replacement."

5.2.3 REPORTING

Form NB-136 shall be filed with the Jurisdiction (if required) or the National Board by the owner or user together with a facsimile of the stamping or nameplate, as applied, and shall also bear the Signature of the National Board Commissioned Inspector who witnessed the replacement.
Inservice

When restoration of the marking or nameplate is required, the Owner shall:

1) Provide the missing or illegible information traceable to the original pressure retaining item.
2) Request permission to re-stamp or replace the nameplate from the applicable Jurisdiction, where installed. This application for permission shall be submitted on NB Form NB-136.
   If there is no jurisdiction, the Owner shall complete NB Form NB-136 and shall acquire authorization to reapply the data from a National Board Commissioned Inspector who shall witness the remarking and sign the NB-136 Report.
3) When the NB-136 Form is signed by a National Board Commissioned Inspector, a copy of the signed form shall be submitted to the National Board.
Typical National Board Replacement Nameplate

REPLACEMENT
NATL BD NO 60309

U

CERTIFIED BY
ABC COMPANY

W HT
MAWP 600 PSI AT 400 F
RT-3
MDMT -20 F AT 600 PSI

SERIAL NO 25A2001
YEAR 2002

Note: Neither the National Board nor the ASME trademark symbols are reapplied in this case.
National Board Form NB-136

REPLACEMENT OF STAMPED DATA FORM
in accordance with provision of the National Board Inspector Code

Subscribed to: ____________________________
Subscribed by: ____________________________

By: ____________________________
Location of installation: ____________________________

Form No. ____________________________

1. Manufacturer: ____________________________
2. Manufacturer's stamp: ____________________________
3. Location of installation: ____________________________
4. Form No. ____________________________

Equipment Data:
1. Equipment No.: ____________________________
2. Equipment Description: ____________________________
3. Equipment Location: ____________________________
4. Equipment Capacity: ____________________________

Equipment Data (continued):
1. Equipment No.: ____________________________
2. Equipment Description: ____________________________
3. Equipment Location: ____________________________
4. Equipment Capacity: ____________________________

Signed by National Board Comissioned Inspector
When Applicable

Signed by Owner
When Applicable

Signed by Jurisdiction
When Applicable

Note: Where possible, attach a rubbing.
NBIC Part 3, Section 5

5.11 REMOVAL OF ORIGIONAL STAMPING OR NAMEPLATE

If it becomes necessary to remove original stamping, the Inspector shall, subject to the approval of the Jurisdiction, witness marking of a facsimile of stamping, the obliteration of old stamping, and transfer of stamping to the new item. When stamping is on a nameplate, the Inspector shall witness transfer of the nameplate to the new location. Any relocation shall be described on the applicable NBIC “R” Form. The re-stamping or replacement of a code symbol stamp shall be performed only as permitted by the governing code of construction.
When Transfer of Code Marking is Required

The National Board “R” Stamp Holder Shall:
1. Obtain permission from the applicable Jurisdiction where the pressure containing item is installed or will be reinstalled.
2. The National Board Commissioned Inspector who is performing the required inspections for the “R” organization shall witness the transfer.
3. If this involves re-stamping, the original marking shall be obliterated.
4. The relocation shall be described on the applicable NBIC “R” Report Form.
Case 1: Marking Transfer, Typical Re-stamping During a Repair

NATL BD NO 60309
CERTIFIED BY
ABC COMPANY
MAWP 600 PSI AT 400 F
MDMT -20 F AT 600 PSI
SERIAL NO 25A2001
YEAR 2002

REPAIRED BY
Company B

1234
AUG 15 2012

The National Board of Boiler and Pressure Vessel Inspectors
Case 2: Existing Nameplate is Relocated During an Alteration

Certified By
ABC Company

MAWP 600 PSI AT 400 F
MDMT -20 F AT 600 PSI

SERIAL 25A2001
YEAR 2002

Note: Existing nameplate is moved with no modification of same. The required “R” stamping will be located next to the final location of the original nameplate.
National Board R-1 Form

Code Marking has been relocated from front to rear head.

The National Board of Boiler and Pressure Vessel Inspectors
Code Marking has been relocated from front to rear head.
5.12.2 REPAIR NAMEPLATE

When a pressure relief valve is repaired, a metal repair nameplate stamped with the information required: below shall be securely attached to the valve adjacent to the original manufacturer's stamping or nameplate. If not mounted directly on the valve, the nameplate shall be securely attached so as not to interfere with valve operation and sealed in accordance with the quality system.

a) Prior to attachment of the repair nameplate, the previous repair nameplate, if applicable, shall be removed from the repaired valve.

b) As a minimum, the information on the valve repair nameplate (see NBIC Part 3, Figure 5.7.5-e) shall include:

1) The name of the repair organization preceded by the words “repaired by”;
2) The "YR" repair symbol stamp and the "YR" certificate number;
3) Unique identifier (e.g., repair serial number, shop order number, etc.);
4) Date of repair;
5) Set pressure;
6) Capacity and capacity units (if changed from original nameplate due to set pressure or service fluid change);
7) Type/Model number (if changed from original nameplate by a conversion. See NBIC Part 3, S7.2); and

8) When an adjustment is made to correct for service conditions of superimposed back pressure and/or temperature or the differential between popping pressure between steam and air (see NBIC Part 3, 4.52), the information on the valve repair nameplate shall include the:

   a. Cold Differential Test Pressure (CDTP); and
   b. Superimposed Back Pressure (BP) (only when applicable).
Replacement of Illegible Nameplate

The National Board “VR” Stamp Holder shall produce a replacement nameplate, marked “DUPLICATE” containing all information that originally appeared on the PRV. In addition to this, the “VR” Stamp Holder shall apply his PRV Repair nameplate.
Replacement of PRV Missing Nameplate

The National Board “VR” Stamp Holder is not permitted to perform repairs on a PRV unless positive identification can be made to that specific valve.

When, and only when, such positive identification can be made, the “VR” Stamp Holder shall provide a duplicate nameplate and his repair plate as described in the rules for illegible nameplates.
Typical PRV Replacement Nameplate

Note: The “VR” Stamp Holder shall not apply the ASME or National Board Trademarks on the duplicate nameplate.

No report provided.
ASME Criteria
For The Reapplication Of
An ASME
Certification Mark
ASME Codes and Standards Policy

ASME Codes & Standards Policy (CPS)
CSP-53 Policy on Protection of ASME Marks

ASME Code Accreditation Policy (CAP)
CAP-21 Criteria for Reapplication of an ASME Certification Mark
CSP-53 POLICY ON PROTECTION OF ASME MARKS

(a) Policy on the Protection of ASME Mark

All ASME accreditation programs that specify the use of an ASME mark shall provide for designated oversight of those activities that affect the proper utilization of ASME marks. Only ASME accreditation programs with measures established for designated oversight may utilize ASME marks.

(b) Policy on Designated Oversight

The measures established for designated oversight shall comply with ASME-developed criteria. The criteria shall provide oversight measures that establish reasonable assurance that the activities (of the entity authorized by ASME to use its marks) that affect the use of ASME marks are accomplished in accordance with the appropriate ASME codes or standards. Where such activities are not accomplished in accordance with the appropriate ASME codes or standards, the criteria shall provide for notification of ASME and appropriate redress. ASME shall establish criteria for and administer the qualification and certification of those agencies, organizations, and individuals authorized to provide designated oversight.

(c) General Requirements for Designated Oversight:

- (1) Each ASME accreditation program that utilizes ASME marks shall provide for one (or more than one, where applicable) of the types of authorized designated oversight given below.
(i) An ASME accredited authorized inspection agency (AIA), i.e., an authorized insurance company or Enforcement Authority that provides designated oversight through the use of authorized Inspectors (AI), qualified to criteria specified in the appropriate code or standard, and is not a qualified inspection organization, as described in Para. (c)(1)(ii) below.

(ii) An ASME qualified inspection organization (QIO), i.e., an organization that is qualified by ASME, to criteria specified in the appropriate code or standard, to provide designated oversight through the use of qualified inspectors (QI); is not an authorized inspection agency, as described in Para. (c)(1)(i) above; and is not an entity authorized by ASME to use its marks.

(iii) A certified individual (CI), i.e., an individual employee of the accredited entity authorized by ASME to use its marks, the CI is qualified and certified by the entity authorized by ASME to use its marks, to criteria specified in the appropriate code or standard. The qualification and certification are subject to evaluation by ASME during the accreditation survey or review. The CI is neither an AI nor QI, as described in Paras. (c)(1)(i) and (ii) above.

(2) The use of all ASME marks shall be documented with data reports or certificates of conformance that are signed by a responsible representative of the accredited entity authorized by ASME to use its marks and the appropriate inspector or individual authorized to perform the designated oversight activities (i.e., either an AI, QI, or CI).

(3) ASME accreditation programs that utilize ASME marks shall provide for record retention of all data reports and certificates of conformance, such that the use of the ASME marks is documented and traceable to the entity authorized by ASME to use its marks. All data reports and certificates of conformance shall be retained for a period established by the appropriate code or standard.
1 After an item has been certified under an ASME standard, if the ASME certification mark (e.g. Code Symbol Stamp) becomes indistinct or the nameplate is illegible or lost, but traceability to the original certification can be established, the certification mark may be reapplied to the item.

2 Reaplication of certification marks shall only be permitted under the following conditions:

2.1 The owner has requested the reaplication.
2.2 Where applicable, the Jurisdiction has granted the request for reaplication.
2.3 The reaplication shall be performed by the original manufacturer of the Code item. Where responsibility to the original Code certification has been maintained, reaplication by a successor organization to the original manufacturer is permitted.
2.4 The reaplication shall be authorized and witnessed by an Inspector from an ASME accredited Authorized Inspection Agency, or by an authorized representative of the Qualified Inspection Organization or a Certified Individual, as applicable under the associated certification program.
2.5 The reaplication of the mark shall be documented on a data report form which
is retained as required for the original data report.

3 Reapplication of the certification mark shall only be provided to restore evidence of original compliance with the standard. Reapplication of the mark shall not be applied for certification of the current condition of the item or for certification to different requirements than originally constructed.
## ASME Codes Permitting Reapplication of the Mark

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<td>Mandatory Appendix III</td>
<td>Mandatory Appendix 8</td>
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<td>Form III-1A required.</td>
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**Warning Note:**
ASME provides rules and permission for reapplying the ASME Mark to only Section I and Section IV Boilers and their Pressure Relief Devices. **No ASME Code permission exists for Section VIII, X, or XII Code stamped equipment or their pressure reliving devices.**
ASME Code Section I

MANDATORY APPENDIX III
CRITERIA FOR REAPPLICATION OF A CERTIFICATION MARK

III-1 INTRODUCTION
After an item has been certified under ASME Section I, if the stamping of the Certification Mark with appropriate Designator becomes indistinct or the nameplate is illegible or lost, but traceability to the original certification can be established, the Certification Mark may be reapplied to the item.

III-2 CONDITIONS
Reapplication of the Certification Mark shall only be permitted under the following conditions:

(a) The Owner has requested the reapplication.

(b) Where applicable, the jurisdiction has granted the request for reapplication.

(c) The reapplication shall be performed by the original Manufacturer of the Code item. Where responsibility for the original Code certification has been maintained, reapplication by a successor organization to the original Manufacturer is permitted.
(d) The reapplication shall be authorized and witnessed by an Inspector from an ASME-accredited Authorized Inspection Agency, or by an authorized representative of the Qualified Inspection Organization or a Certified Individual, as applicable under the associated certification program.

(e) Reapplication of the Certification Mark shall be documented on a Certificate of Conformance for Reapplication of the Certification Mark as shown in Form III-1A. The completed Certificate of Conformance for Reapplication of the Certification Mark shall be retained as required for the original Manufacturer's Data Report.

III-3 RULES

Reapplication of the Certification Mark shall only be provided to restore evidence of original compliance with ASME Section I requirements. Reapplication of the Certification Mark shall not be applied for certification of the current condition of the item or for certification to different requirements than originally constructed.
MANDATORY APPENDIX 8
CRITERIA FOR REAPPLICATION OF A CERTIFICATION MARK

8-100 INTRODUCTION
After an item has been certified under ASME Section IV, if the Certification Mark with appropriate Designator stamping becomes indistinct or the nameplate is illegible or lost, but traceability to the original certification can be established, the Certification Mark may be reapplied to the item.

8-200 CONDITIONS
Reapplication of the Certification Mark shall only be permitted under the following conditions:
(a) The Owner has requested the reapplication.
(b) Where applicable, the jurisdiction has granted the request for reapplication.
(c) The reapplication shall be performed by the original Manufacturer of the Code item. Where responsibility for the original Code certification has been maintained, reapplication by a successor organization to the original Manufacturer is permitted.
(d) The reapplication shall be authorized and witnessed by an Inspector from an ASME-accredited Authorized Inspection Agency, or by an authorized representative.
of the Qualified Inspection Organization or a Certified Individual, as applicable under the associated certification program.

(e) Reaplication of the Certification Mark shall be documented on a Certificate of Conformance for Reaplication of the Certification Mark as shown in Form 8-1. The completed Certificate of Conformance for Reaplication of the Certification Mark shall be retained as required for the original Manufacturer's Data Report.

8-300 RULES

Reaplication of the Certification Mark shall only be provided to restore evidence of original compliance with ASME Section IV requirements. Reaplication of the Certification Mark shall not be applied for certification of the current condition of the item or for certification to different requirements than originally constructed.
Re-stamping and/or new nameplates shall be in full compliance with the Code, Sections I or IV for the Edition and Addenda to which the original item was manufactured.

The resultant Data Report Forms shall be distributed and maintained as was required by the Code at the time the item was originally manufactured.
Additional Things To Consider

1) The National Board is silent on the subject of reapplication of the National Board Mark. 
   Opinion: Only the original Authorized Manufacture can reapply the NB Mark when witnessed by a National Board Commissioned Inspector.

2) ASME is recalling all of their old symbol stamps on or before January 1, 2013.
   Opinion: Affective now, we will have to accept the new MARK and Designator.

3) For Pressure Relief Devices, ASME does not have a stamp small enough to fit on the PRV nameplate.
   Opinion: We will have to continue using the old letters, V, or HV.