



U.S. Department
of Transportation

Pipeline and Hazardous
Materials Safety Administration

East Building, PHH – 33
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

APPROVAL CA2004090042

(5th Revision)

ISSUED BY THE COMPETENT AUTHORITY OF THE UNITED STATES

EXPIRATION DATE: October 28, 2019

1. **APPROVAL HOLDER:** Masteco Industry Co., Ltd.
715-12 (146BL 13LT)
Gojan-dong, Nam dong-gu
405-821 Incheon, South Korea
2. **REGULATORY AUTHORITY:** 49 CFR § 107.807
3. **SYNOPSIS:** Masteco Industry Co., Ltd. is authorized to manufacture the following specification cylinders: **DOT 4BW**, drawing numbers: MT-D-4BW500-01, MT-D-4BW500-02, MT-D-4BW500-03, MT-D-4BW500-04 (A), MT-D-4BW500-04 (B), MT-D-4BW500-05, MT-D-4BW500-06, MT-D-4BW500-07, MT-D-4BW500-09, MT-D-4BW500-10, MT-D-4BW500-11, MT-D-4BW500-12, MT-D-4BW500-SHT-75L-00 **and MT-D-4BW500-11-A** at their facility listed above.
4. **BASIS:** This approval is issued in response to Masteco Industry Co.'s application dated May 06, 2016 requesting authorization to renew their approval to manufacturer **DOT 4BW** cylinder specification, drawing number: **MT-D-4BW500-11-A** to their current CA Approval.
5. **PERIOD OF VALIDITY AND CONDITIONS OF APPROVAL:** This approval does not provide relief from any requirements of the Hazardous Materials Regulations except as stated herein. This approval is valid until the posted expiration date or until terminated by the Associate Administrator for Hazardous Materials Safety.
 - a. **Approved Authority:** The holder of this approval is authorized to manufacture and mark the above listed DOT cylinder type approval designs under the supervision of an independent inspection agency approved for that purpose in accordance with 49 CFR 178.61.

**DOT 4BW cylinder specification(s) - Manufactured
in accordance with 49 CFR 178.35 and 178.61.**

Only approved designs on file with the department
may be manufactured and marked under the terms of
this approval.

- b. **Approved Independent Inspector (IIA):** Only the following
IIA is currently authorized to conduct onsite inspections
at your manufacturing facility:

**Authorized Testing, Inc.,
2522 Kansas Avenue
Riverside, CA 92507-2637 United States**

- c. **Registration number:** M0410 is your assigned registration
number and must be marked on all DOT cylinders
manufactured under the terms of this approval.

6. **Safety Controls:**

- a. If DOT specification cylinder production has not been
undertaken for more than six months, the Office of
Hazardous Materials Approvals and Permits must be
notified prior to resumption of production. Additional
sample testing and/or an onsite inspection may be
required prior to resumption of production, at the
discretion of PHMSA.
- b. No deviation from designs, materials, method of
manufacture, inspection procedures or any technical
information submitted in support of the manufacturer's or
inspector's applications for approval is authorized
unless approved in accordance with 6.d. of this approval.
- c. Failure to assure adequate independent inspection and
verification will be grounds for termination or other
enforcement action as provided for in the regulations.
PHMSA must be notified in writing prior to a change in
independent inspection agency service companies.
- d. Advance notice and written approval is required Before
any of the following can be implemented:

- 1) Technical changes in the manufacturing process or procedures are made.
 - 2) Adding a new DOT specification design, not meeting the requirements above, or which does not currently have design change criteria listed in the respective DOT specification, or authorization to manufacture a cylinder specification not currently authorized to be manufactured under the authority of this approval.
- e. If non-technical information, submitted in your application for approval changes, Approvals and Permits must be notified, in writing, within 20 days.

7. **SPECIAL PROVISIONS:**

- a. A current copy of this approval must be maintained and made available for examination at the location where cylinders are manufactured.

8. **GENERAL PROVISIONS:**

- a. Failure by any person to comply with the terms and conditions of this approval and the Hazardous Materials Regulations, 49 CFR Parts 171-180, may result in the modification, suspension or termination of that person's authority to use this approval. Failure to comply may also subject that person to penalties prescribed by 49 U.S.C. §§ 5123 and 5124. This approval may be modified, suspended or terminated in its entirety if that action is justified in light of changes in circumstances or additional information not available when this approval was issued. Unless immediate modification, suspension or termination is necessary to avoid a risk of significant harm to persons or property, before action is taken, that person will be notified and provided with an opportunity to show why the proposed action should not be taken.
- b. Each "Hazmat employee," as defined in § 171.8, who performs a function subject to this approval must be provided training on the requirements and conditions of this approval in addition to the training required by §§ 172.700 through 172.704.

c. Any person operating under the terms of this approval must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.

d. This approval, as revised, supersedes all previous versions.

Issued in Washington, D.C.

Dated: 07/13/2016



For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-30.