AMH OFFERS EASY ACCESS PRODUCT HISTORY AND TEST CERTIFICATION

Complying with OSHA standards and requirements related to workplace safety concerns can save lives, improve workplace safety and improve productivity. However, to know the full life of a product can be a challenge.

Since early 2005, **All Material Handling (AMH)** has been developing a web-based database for documenting lifting equipment test data. All Material Handling has currently released this database for use by any AMH distributor qualified for servicing AMH product. The system is capable of storing and retrieving test data by serial number of lifting equipment. Not only is the data stored in the web-based database but also as it is entered a corresponding test certification can be printed for the end users records. AMH's system offers three choices of test type depending on the extent of testing required.

AMH bulletin SB004, as referenced during data entry, explains each test type and when to apply. Each test certificate includes a checklist of what was inspected. The test certificate is easily customized to the distributor utilizing the company name and logo associated with the user who enters the data. See the example of a test certificate by AMH with logo. The database is secure, allowing search and retrieval of test data and test certificates for future reference. The database also allows retrieval of original factory data and certificate for any new product as it was originally tested.

The AMH test certification and database are designed to meet AMH's interpretation of ASME30.21 for manually operated lever hoist and ASME B30.16 for all underhung hoist. Much of these standards are mirrored to OSHA requirements.

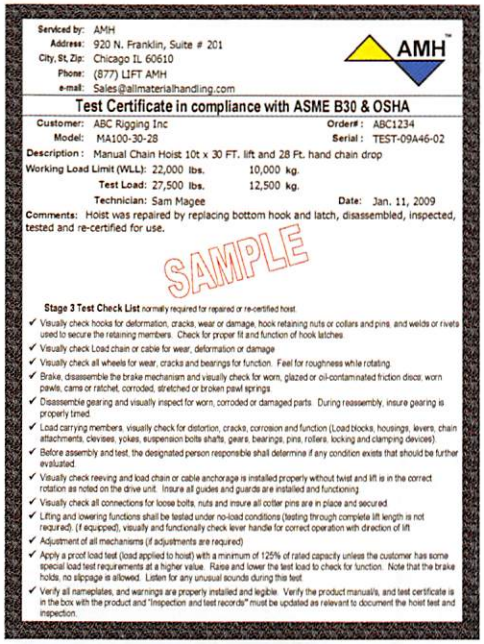
This service is available free of charge to AMH servicing distributors for use with AMH product. However, the database is not limited to AMH products, the database is designed to accept any brand product entered by any user that AMH has authorized access.

AMH is considering offering the database to customers that do their own maintenance as a secure way to record and maintain test records. The availability and compilation of data would be a desirable solution for meeting OSHA requirements for hoisting equipment.

Currently, an authorized user can go to the AMH website and search a serial number to access all test records entered and sorted by date. To further simplify use, authorized users may only be able to access data that has been entered by their company or group.

Test history will be available on the AMH web site without relying on high tech RF chips and associated equipment to read and software to manage the data. For the technology hungry, it may be easy to access AMH's database of test records at any location in the workplace through an Internet connected laptop, PDA or "smart" phone.

For more information, go to the AMH website *(www.allmaterialhandling.com)* under the "Literature" tab to access more informative documents available for download; product manuals, catalogs, fliers, competitive information and evaluations, bulletins for service, procedures and instructions, all made available based on the user type inquiring.



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AMH

Test Certificate in compliance with ASME B30 & OSHA

Customer: ABC Rigging Inc — Order#: ABC1234
Model: MA100-30-28 — Serial: TEST-09A46-02
Description: Manual Chain Hoist 10t x 30 FT. lift and 28 Ft. hand chain drop
Working Load Limit (WLL): 22,000 lbs. 10,000 kg.
Test Load: 27,500 lbs. 12,500 kg.
Technician: Sam Magee — Date: Jan. 11, 2009
Comments: Hoist was repaired by replacing bottom hook and latch, disassembled, inspected, tested and re-certified for use.

SAMPLE

Stage 3 Test Check List normally required for repaired or re-certified hoist.

- ✓ Visually check hooks for deformation, cracks, wear or damage, hook retaining nuts or collars and pins, and welds or rivets used to secure the retaining members. Check for proper fit and function of hook latches.
- ✓ Visually check Load chain or cable for wear, deformation or damage
- ✓ Visually check all wheels for wear, cracks and bearings for function. Feel for roughness while rotating.
- ✓ Brake, disassemble the brake mechanism and visually check for worn, glazed or oil-contaminated friction discs, worn pawls, cams or ratchet, corroded, stretched or broken pawl springs.
- ✓ Disassemble gearing and visually inspect for worn, corroded or damaged parts. During reassembly, insure gearing is properly timed.
- ✓ Load carrying members, visually check for distortion, cracks, corrosion and function (Load blocks, housings, levers, chain attachments, clevises, yokes, suspension bolts shafts, gears, bearings, pins, rollers, locking and clamping devices)
- ✓ Before assembly and test, the designated person responsible shall determine if any condition exists that should be further evaluated
- ✓ Visually check reeving and load chain or cable anchorage is installed properly without twist and lift is in the correct rotation as noted on the drive unit. Insure all guides and guards are installed and functioning.
- ✓ Visually check all connections for loose bolts, nuts and insure all cotter pins are in place and secured.
- ✓ Lifting and lowering functions shall be tested under no-load conditions (testing through complete lift length is not required). (if equipped), visually and functionally check lever handle for correct operation with direction of lift
- ✓ Adjustment of all mechanisms (if adjustments are required)
- ✓ Apply a proof load test (load applied to hoist) with a minimum of 125% of rated capacity unless the customer has some special load test requirements at a higher value. Raise and lower the test load to check for function. Note that the brake holds; no slippage is allowed. Listen for any unusual sounds during this test.
- ✓ Verify all nameplates, and warnings are properly installed and legible. Verify the product manuals, and test certificate is in the box with the product and "Inspection and test records" must be updated as relevant to document the hoist test and inspection.