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TO: Whom it may concern

Testing the DB-1

We understand that some company policies require load testing on all lifting devices. With that in mind please see below.

We normally do not recommend that the DB-1 be load tested. The main reason (is that) this device is made from Aluminum and aluminum "cycles" meaning that it can weaken as it is continually loaded over and over and if not done properly the load test can damage the DB-1 basket. The reason that the devices are made from aluminum is so that they will be light enough to move around the drill floor. The SWL on these units is 400 lbs. so that the load test (if being done) should be 125% or 500 lbs. This should be done carefully and performed by professionals who load test lifting devices.

A die penetrant test on the critical welds (subsequent to the load test) would also be an additional safety procedure since the basket has been overloaded and the welds being tested have been stressed.

Very importantly, the backup safety sling (nylon) should be inspected and replaced on regular basis using the sling inspection/replacement procedures incorporated on the respective location where the DB-1 is being used. Never operate a DB-1 without this OEM lifting arm safety sling in place.

Also, the DB-1 is designed to be a supplement to regular fall protection. The DB-1 allows the riders to have backup to their full body harness and lifeline and allow the derrickman to stand as well as carry tools up in the basket. The DB-1 should never be used without the rider incorporating a fall protection harness.