Handling and Care of Pipes and Connections

IDM code: GDL00261/0

These guidelines are for the general care and handling of Tenaris connections and pipes at a well site to ensure their optimum performance. All queries should be sent to the Tenaris Field Service Group (running.assistance@tenaris.com)

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REFER TO THE THS RUNNING MANUAL, API RECOMMENDED PRACTICE 5 C1. TENARIS FIELD SERVICE GROUP.

Pipe handling

1. On arrival at the well site the tubulars should be lifted onto racks with care. Chrome or Duplex pipes must be handled in bundles with appropriate slings, then individually placed on the racks using non-metallic slings; steel hooks should never be used.

2. If damage has been caused to the pipe or connections, the pipe should be set aside for further examination.

3. The pipe should only be moved once the correct thread protectors have been securely installed. All the relevant precautions should be taken to prevent damage to the pipe body or connections.

Pipe storage at rig site

1. For all steel grades the pipes must be stacked on wooden batons with at least three rows of wooden spacers evenly aligned across the length of the pipe between layers, thus preventing contact between pipe bodies.

2. Pipes should be stacked in such a manner as to prevent bending whilst stored.

3. A minimum height of 1.5 ft (46 cm) from the ground to the lower layer is recommended.

Pipe measuring

Protectors should be removed and replaced immediately after measuring pipe.

Protectors

1. As the protectors are removed, they should be stacked on a clean dry surface. Do not allow any debris, corrosive fluid or water to enter the protector.

2. If debris or fluid contaminate the protectors, they should be thoroughly cleaned and dried prior to re-installation onto the connection.

Cleaning

1. Cleaning of the connections to remove storage compound prior to running in the well should be carried out as close to the time of running as possible.

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HANDLING
Proper handling and care reduces damage on pipes and connections.

2. Only fresh water or cleaning solvent which leaves no residue when mixed with water should be used to clean the connections. Do not use diesel or oily solvents.

3. Once cleaned, the connections should be dried with the use of compressed air, the protectors washed, dried and re-installed.

4. Only one row of pipes at a time should have the protectors removed and connections washed prior to hoisting to the rig floor. This prevents exposure of the entire string to the weather for prolonged periods if for any reason there is a delay in running.

5. If for any reason the cleaned connections are to be left exposed for more than 12 hours, a light oil should be applied to the connection by means of a spray or soft brush and clean, dry protectors should be installed.

6. Lightly oiled connections can then be lifted to the rig floor, the protectors removed and the oil wiped off prior to applying running compound on commencement of the running operation.

7. If the connections are to be exposed for more than 1 day a suitable storage compound should be applied and clean, dry protectors installed. It would then be necessary to remove the storage compound prior to the running.

Surplus pipe

1. As soon as possible on completion of the running operation, all remaining connections should be cleaned then dried with compressed air. After that a suitable storage compound must be applied to the entire threaded and sealing area of the connection.

2. The amount of storage compound applied to the connection must be enough to protect the entire thread and seal area.

3. Great care should be taken to ensure that no corrosive fluid contaminates the connection during transportation and/or storage.

4. Protectors should be cleaned thoroughly to remove any debris and corrosive fluid, then dried prior to re-installation onto the connection.

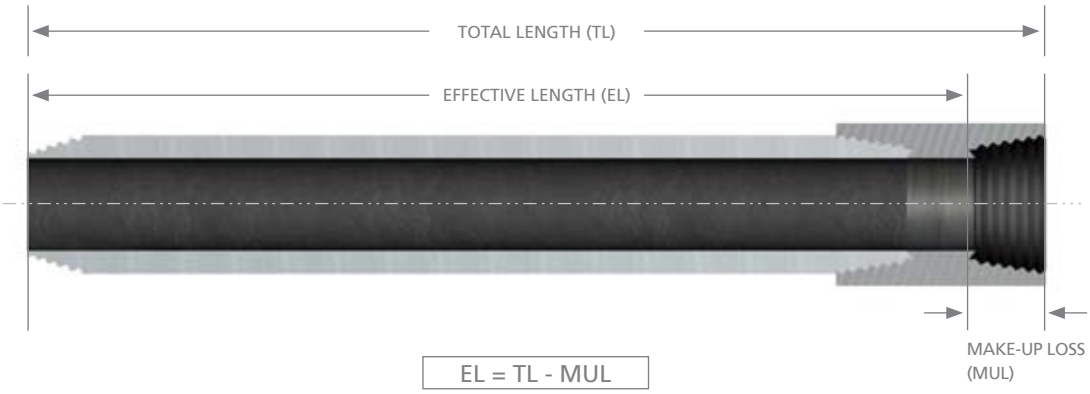
5. Pipe should not be back loaded without the connections being cleaned, storage compound applied and clean protectors put in place.

Pulled pipe

1. The connections of any pipe pulled from the hole after running should be thoroughly cleaned with a high pressure washdown gun using fresh water. They should then be dried and completely covered with an appropriate compound prior to clean, dry protectors being installed for transportation to an inspection facility.

2. Special care should be taken to clean thoroughly any connection which has been contaminated with completion fluid.

MEASURING
Be sure to use the effective length of each pipe to be run into the hole.



TenarisHydril

For additional information, please visit
www.tenaris.com

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