

*This document is not an API Standard; it is under consideration within an API technical committee but has not received all approvals required to become an API Standard. It shall not be reproduced or circulated or quoted, in whole or in part, outside of API committee activities except with the approval of the Chairman of the committee having jurisdiction and staff of the API Standards Dept. Copyright API. All rights reserved.*

Work Item #8202: Propose that this be added to Section 4 of API 7K:

## **4.8 Dropped Objects**

### **4.8.1 Risks**

The risk of dropped/falling objects and any unintended, unplanned separation of parts that could cause human injury, fatality, economic damage, and/or having environmental consequences shall be considered for all components of equipment furnished under this Standard.

### **4.8.2 Causes**

The causes of dropped/falling objects considered shall at a minimum include: vibration, improper maintenance, corrosion, shock load, and collision.

### **4.8.3 Prevention**

Unacceptable risks, as determined per 4.8.1, shall be addressed by methods or techniques which may include but are not limited to:

- design;
- specialty fasteners;
- lanyards, cabling or safety wire;
- guarding;
- integrated secondary barriers.