

Safety Bulletin			 Tesco Corporation 5616 – 80th Avenue SE Calgary, Alberta, Canada T2C 4N5 Tel: 1-877-TESCO-77 (North America) Tel: 1 (713) 359-7195 (AMSS 24-hour support) Tel: 1 (713) 359-7295 (International) Email: bulletins@tescocorp.com www.tescocorp.com www.tescoparts.com	
No: SB089	Rev: 1	Date: December 06, 2016		
Catwalk Remote Operation Safety Guidelines			 TESCO ®	
<input type="checkbox"/> Internal Use Only		<input checked="" type="checkbox"/> External Use		<input checked="" type="checkbox"/> Mandatory

NOTE:

All numbers in parentheses are TESCO part numbers unless otherwise noted.

BACKGROUND INFORMATION:

It is the responsibility of the operator to ensure his or her own safety as well as the safety of all personnel on site. The operator must always be aware of where personnel are on site and have a clear view of the Tesco Automated Catwalk and the ground surrounding the catwalk.

After setting the programmable logic controller (PLC) to enable remote operation of the catwalk, the catwalk’s operation must only be controlled via the wireless remote or the wired remote with standard issue cable to allow operation from outside the red zone. Shown in Figures 1 and 2, the operator will use the wireless remote to operate the catwalk from a safe location.

During operation of the catwalk, certain areas on the rig floor and ground (red zones) must only be entered if certain operating conditions are met. The red zones are shown in Figures 1 and 2.



Danger! Failure to follow the instructions in this safety bulletin could result in severe injury or death.

AFFECTED PRODUCTS:

TESCO Automated Catwalks TAC-45 and TAC-23.

TESCO Part #	Description
5039062	Power Catwalk, Assembly, TAC-45
5039808	Power Catwalk, 50ft Skid, TAC-23
5049244	Power Catwalk, Assembly, TAC-45, Gen 2

ACTION REQUIRED:

The following conditions and/or actions are required to maintain the safety of the operator and personnel during catwalk operation.

The operator must:

- Have a clear view or be aware of all personnel and their location within the vicinity of the catwalk (3 meters from fully extended gullwings and/or casing runs on both the Driller’s Side (DS) and Off-Driller’s Side (ODS) and 10 meters from the back) and the rig.
- Have a clear view of the catwalk and the ground surrounding the catwalk.
- Have a clear view of all tubulars being transferred to and from the rig floor.

Version	Date (D/M/Y)	ECN	Description of changes
Rev 0	26/11/2014	267-0001	Initial release of document
Rev 1	06/12/2016	157-0091	Amendments made identifying when operators and personnel can enter the red zones

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While operating the catwalk, ensure the following:

- On the rig floor, the operator and all personnel can ONLY be permitted in the red zone (shown in Figure 1) if the catwalk is powered down and not in operation.

The red zone on the rig floor includes the area surrounding well center and in between the front opening of the rig floor (or the V-door) and well center.

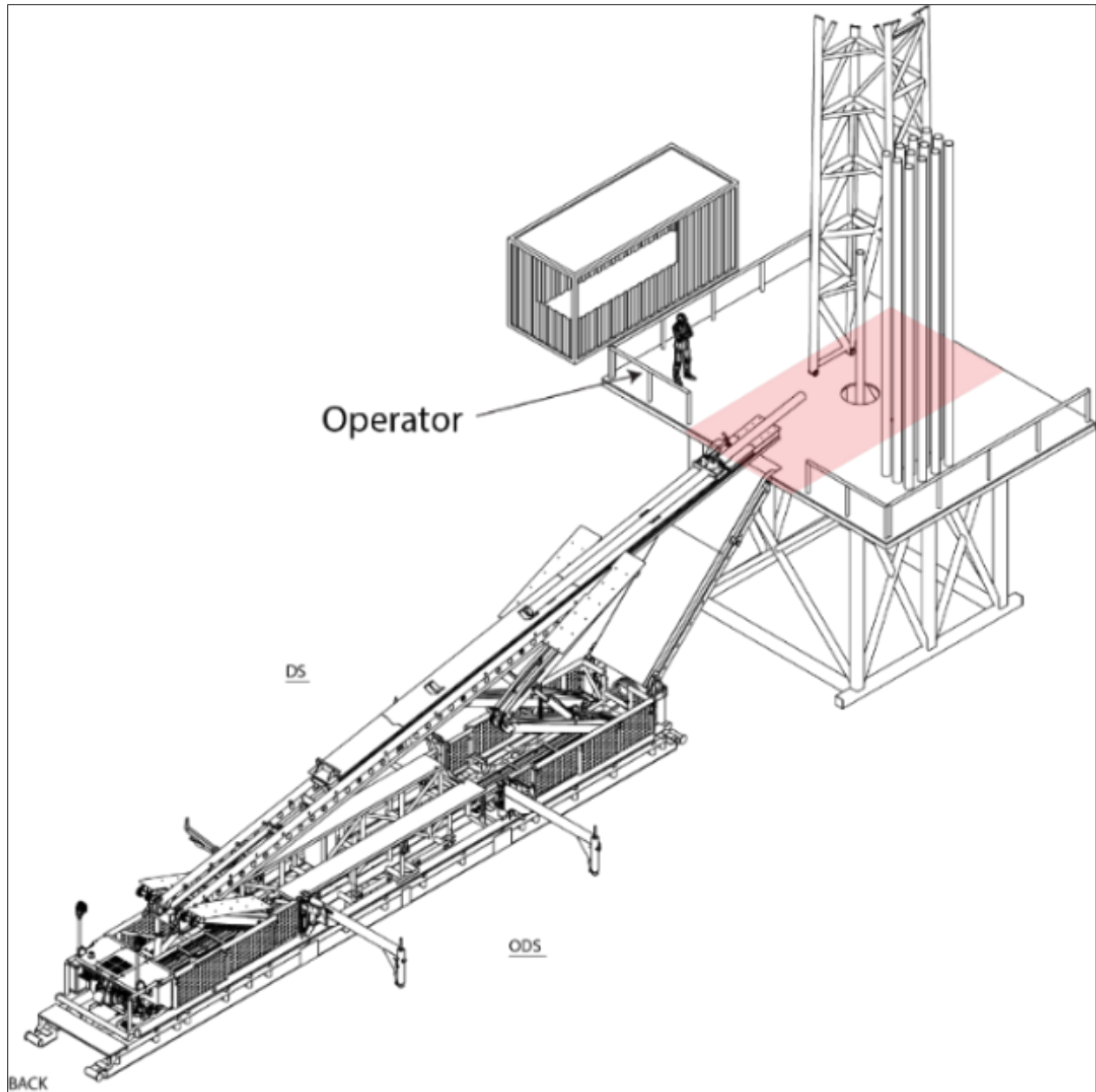


Figure 1: Red zone on the rig floor

From ground level, the operator and all personnel can ONLY be permitted in the red zone (shown in figure 2) if **all** of the following conditions are met:

- The catwalk is in the home position (or maintenance position)
- The catwalk is powered down and not in operation

At any time when the catwalk is activated, capable of being activated or otherwise in operation, the operator and all personnel must stay clear of the red zone on the ground, which is 3 meters from fully extended gullwings and/or casing runs on both the DS and ODS of the catwalk and 10 meters from the back of the catwalk. See the red zone in Figure 2.

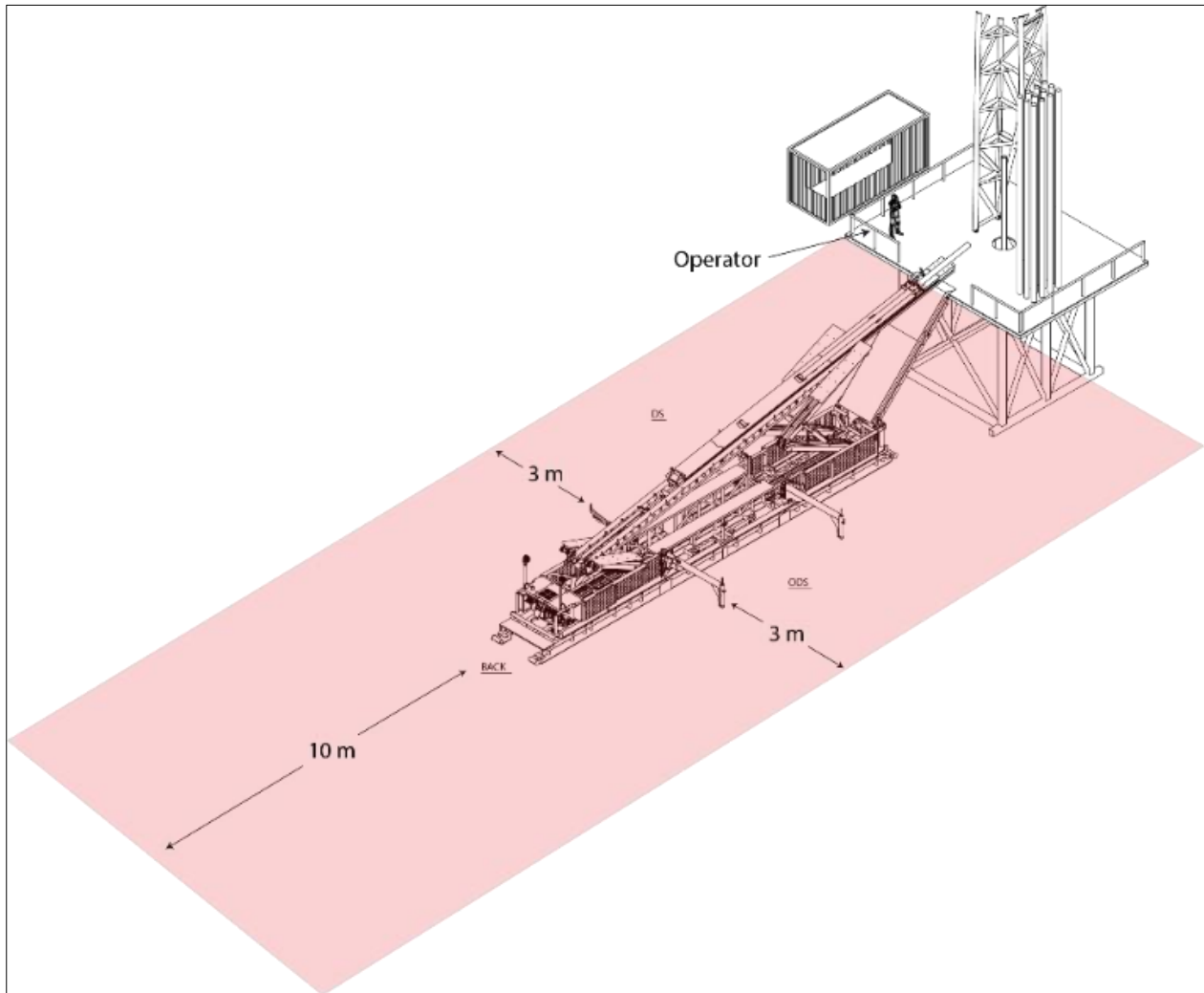


Figure 2: Red zone on the ground