

Power System Safety Rules - version 5.4

Changes for Category 3.3-Substations - Work in HV Areas and 6.1 Transmission Lines - Transmission General Work.

Assessed as high-risk roles, Safety Observer and Mobile Plant Assessment are now separate authorisations under Category 8 - Mobile Plant.

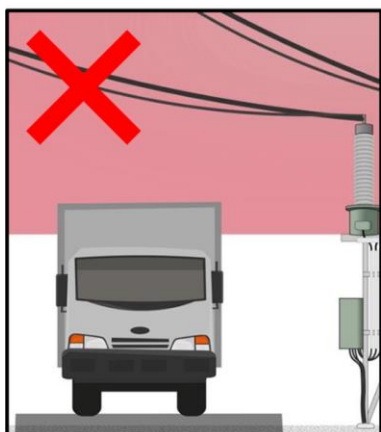
This means PSSR category 3.3 and 6.1 will be split into 3 roles.

Substations – Work in HV Areas (3.3) and Transmission Lines - Transmission General Work (6.1)

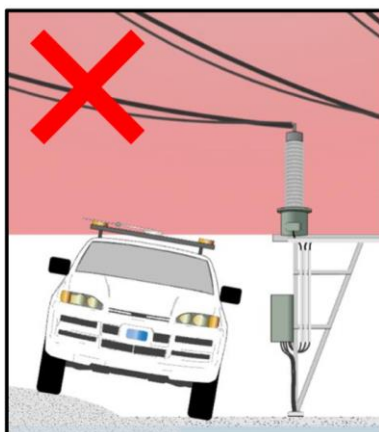
For general work in high voltage areas of a substation (3.3) or transmission line (6.1)

You must consult a person authorised Mobile Plant Assessment if you are operating mobile plant within 'Mobile Plant' Safe Approach Distances, or if your vehicle or item of mobile plant is;

Over 2.4m high



Travelling off defined roadways



Travelling extended



You will not be able to perform roles of a Safety Observer (8.1) or Mobile Plant Assessment (8.2) unless you have the PSSR authorisations.

Mobile Plant – Safety Observer (8.1)

Performing the role of a Safety Observer is a safety control measure, allowing an item of mobile plant to operate up to the 'Mobile Plant+' Safe Approach Distances to HV conductors.

To hold this role, you must have Work in HV Areas (3.3) and Transmission Lines General (6.1).

Mobile Plant – Mobile Plant Assessment (8.2)

A person needs to be authorised Mobile Plant Assessment (8.2) to complete a Mobile Plant Assessment.

A Mobile Plant Assessment identifies the hazards associated with operating Mobile Plant in the vicinity of HV conductors and nominates appropriate controls to complete the work safely.

Safety Observer (8.1)

A Safety Observer is a control measure which can allow mobile plant to operate up to 'Mobile Plant+' Safe Approach Distances. A person authorised Mobile Plant Assessment will nominate work which can be performed using a Safety Observer.

A Safety Observer must wear a green item of clothing which clearly identifies they are performing the role of the Safety Observer.



A Safety Observer must not perform any other work while observing an operational item of mobile plant and they must only observe one item of plant at a time.

Mobile Plant Assessment (8.2)

A Mobile Plant Assessment must be performed where;

- The work to be performed will encroach 'Mobile Plant' Safe Approach Distances
- Any Vehicle or item of Plant which is over 2.4m high, is travelling within a substation.
- Any item of Plant traveling in a substation whilst not stowed for transit.
- Any Vehicle or item of Plant are travelling off of defined roadways in a substation.

A site wide, documented assessment may be completed for vehicles under 2.4m high, identifying safe transit routes off defined roadways in a substation.

The Mobile Plant Assessment will identify the control measures to be put in place to ensure safe working conditions are maintained. This may include;

- Working under Access Authority conditions,
- Using barriers or restrictions,
- Implementing computerised lockouts,
- Appointing an authorised Safety Observer.

Further Information



For further information on these PSSR categories, you can access the Safe Work Handbooks located at;

<https://www.transgrid.com.au/safety/workplace-safety/power-system-safety-rules>

What to do if you need to change your PSSR Roles

I currently hold PSSR 3.3-Substations - Work in HV Areas or 6.1 Transmission Lines - Transmission General Work.

From the 1st July to 30th September we are allowing people that hold PSSR 3.3 or 6.1 to complete a transition training package that is eLearning. To apply, your direct leader must submit a [PSSR Role Change Request](#).

Transgrid will review requests and amend your role and issue eLearning.

I do not currently hold PSSR Roles.

Please contact your Avetta administrator and request to register for appropriate Transgrid PSSR roles. For more information visit <https://transgridcontractors.com.au/>

The Mobile Plant PSSR roles require you to complete both eLearning and practical. We offer [public courses](#) that may be completed on the same day as you attend for PSSR 3.3