

### Target Audience

All Sydney Trains' workers, including contractors, involved with undertaking work on or shunting rollingstock.

### The Issue

On 2 January 2023, a two car XPT consist (*Trailing Car 2210* and *Power Car 2006*) were being shunted across number 8 points crossover at Sydenham Maintenance Centre (SMC).

The shunting, which was being undertaken from the *Fuel Road Number 2* to *Fuel Road Number 1*, resulted in a partial derailment.

The derailment resulted in minor damage to sleepers, concrete surface and the train carriage couplers. No injuries occurred.



### Findings

- The shunting movement was authorised by the Shunter without checking that the points were set correctly for the planned movement.
- The coupling process leading up to the incident was conducted across points due to the presence of other rolling stock on the fuelling road.
- Routine operations at SMC involve XPT services that require significantly more marshalling of carriages into different configurations than other Fleet sites resulting in multiple movements, car separations and amalgamations.

### Actions taken and further recommendations

- A ban on all amalgamation and division of trains across points within fleet-controlled yards needs to be adhered to.
- Movement of rolling stock, incorporating the ban on amalgamation and division across points, will be focused on as part of Shunter safety interactions.
- Local shunting workshops will be run in all locations to develop and refine shunting-related Safe Work Instructions that highlight key critical risk areas where increased precaution is required.
- All staff must ensure compliance with the requirement, '*all points necessary to effect the shunt route are set*' defined in [OSP 16 Shunting in Yards and Maintenance Centres](#).
- The resource model for shunting at SMC will be reviewed and revised accordingly.
- The *Office of the National Rail Safety Regulator* (ONRSR) has been informed of this incident.

Contact your SEQR Business Partner or Line Manager if you have any questions.



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