

Rail Safety Worker Classification Safety Critical & Non Safety Critical

Mandatory & Optional Education & Training

		Equivalent Unit, Accepted as per Track Business Rules			
			Substation Technician	High Voltage Switching	High Voltage Cable Joining
Rail Safety Worker			Y	Y	Y
	Medical Requirements				
JHGRP005	Cat 1 - Safety Critical >60 = yearly 50 - 60 = every 2 years - Less than 50 every 5 years				
JHGRP006	Cat 3 - Non Safety Critical - on commencement of duty >40 = every 5 years Railcorp specific = every 5 years		Cat 3	Cat 3	Cat 3
Competency requirements					
CPCCOHS1001A	Work Safely in the construction industry (White Card)		M	M	M
TLIF2080C	Safely access the Rail corridor(work safely in the Rail corridor) - eg RISI - TSA		M	M	M
TLIF2010A	Apply fatigue management strategies**	X	M	M	M
TLIF1001A	Follow occupational health and safety procedures**	X	M	M	M
TLIW2001A	Operate under track protection rules **	X	M	M	M
TLIB1028A	Maintain and use hand tools**	X	M	M	M
TLID1001A	Shift materials safely using manual handling methods**	X	M	M	M
TLIU2008A	Apply environmental procedures to rail infrastructure**	X	M	M	M
TLIE1003A	Participate in basic workplace communications**	X	M	M	M
Electrotechnology qualification					
UET30409	Certificate III in ESI - Cable Joining				M
UET30309	Certificate IV in Electrotechnology		M		
Electrotechnology units of competence					
UETDTRS03B	Install and maintain substation DC systems		M		
UETDTRS013B	Install HV plant and equipment		M		
UETDTRS02B	Carry out substation inspection		M		
UETDTRS05B	Maintain HV power system - transformers and instrument transformers		M		
UETDTRS04B	Maintain HV power system breakers		M		
UETDTRS01B	Diagnose and rectify faults in power system substation environment		M		
UETDTRS06B	Install high current DC switchgear and equipment		M		
UETDTRS07B	Maintain high current DC switchgear and equipment		M		
UETDRIS07B	Sample test filter and reinstate insulating oil		M		
UEPOPS349B	Operate Local HV Switchgear			M	
UEPOPS428B	Develop High Voltage Switching Programs			M	
UEPOPS456A	Perform Switching to a Switching Program			M	
UEPOPS525A	Coordinate and direct switching program			M	
UETDREL16A	Working safely near live electrical apparatus			M	
UETDRIS44A	Perform HV field switching operation to a given schedule			M	
UETDTRS039A	Perform power system substation switching operation to a given schedule			M	
UETDRIS48A	Develop high voltage switching schedule			M	
UETDRIS50A	Coordinate power system permit procedures			M	
UETDRIS51A	Coordinate and direct power system switching schedules			M	
UETDRIS67A	Solve problems in energy supply network equipment			M	
Licences and/or Tickets required					
Need Code	High Voltage Switching Operations			M	
Need Code	Industry ESI's (Annually)		M		
Need Code	Resuscitation		M		
Need Code	Releasing a person from live LV electrical apparatus		M		

The information contained in this matrix is for reference only and could be subject to change from the Rail Transport Operators.

X - Unit of competency equivalent to JH Track Business Rules