



# RAILWAY INDUSTRY SUPPLIER QUALIFICATION SCHEME



## Certificate of Verification

*This is to certify that*

Supplier Name

**Unipart Rail Limited**

Supplier ID

**3298**

*is now a verified supplier on RISQS*

Subscription Expiry Date: 02/05/2019

  
RISQS Scheme Manager



## RICCL Code Summary

**Supplier Name:** Unipart Rail Limited

**Supplier Number:** 3298

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
A.A.2.1N	Road Haulage Service	Verified
A.A.2.6N	Warehouse Management Service	Verified
A.A.4N	Calibration Service	Verified
A.B.1.10P	Other Prescribed Operational Equipment Supply	Verified
A.B.1.1P	Timber Products (Including Brake Sticks) Supply	Verified
A.B.1.2P	Wooden Handle Staves Supply	Verified
A.B.1.3P	Padlocks & Associated Fittings Supply	Verified
A.B.1.4P	Locks & Latches Supply	Verified
A.B.1.5P	Batteries Supply	Verified
A.B.1.6P	Horns & Whistles Supply	Verified
A.B.1.7P	Lamps & Spares Supply	Verified
A.B.1.8P	Flags Supply	Verified
A.B.1.9P	Lineside Signs (Including Signalling, Electrification & Track Datum Plates) Supply	Verified
A.B.3P	Station & Building Signs Supply	Verified
B.C.1.1.1P	Track Circuits (including Level Crossings) Supply	Verified
B.C.1.1.1W	Track Circuits (including Level Crossings) Overhaul	Qualified via Audit
B.C.1.1.2P	Track Circuit Interrupters Supply	Verified
B.C.1.1.2W	Track Circuit Interrupters Overhaul	Qualified via Audit
B.C.1.1.3P	Axle Counters (including Level Crossings) Supply	Verified
B.C.1.1.4P	Treadles (including Level Crossings) Supply	Verified
B.C.1.1.4W	Treadles (including Level Crossings) Overhaul	Qualified via Audit

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
B.C.1.10.1P	ATP Equipment Supply	Verified
B.C.1.10.2P	AWS Track Equipment Supply	Verified
B.C.1.10.2W	AWS Track Equipment Overhaul	Qualified via Audit
B.C.1.10.3M	TPWS & Associated Equipment Manufacture	Verified
B.C.1.10.3P	TPWS & Associated Equipment Supply	Verified
B.C.1.10.3W	TPWS & Associated Equipment Overhaul	Qualified via Audit
B.C.1.11.1P	Reed FDM Vital Supply	Verified
B.C.1.11.1W	Reed FDM Vital Overhaul	Qualified via Audit
B.C.1.11.2P	Reed FDM Non Vital Supply	Verified
B.C.1.11.2W	Reed FDM Non Vital Overhaul	Qualified via Audit
B.C.1.11.3P	TDM Supply	Verified
B.C.1.11.3W	TDM Overhaul	Qualified via Audit
B.C.1.11.4P	Signalling Cable Supply	Verified
B.C.1.12.1P	Condition Monitoring Supply	Verified
B.C.1.12.1W	Condition Monitoring Overhaul	Qualified via Audit
B.C.1.12.2P	Electronic Digital System Event Loggers Supply	Verified
B.C.1.12.3P	Voltage Free Relay Event Loggers Supply	Verified
B.C.1.13P	Materials & Parts (Signalling) Supply	Verified
B.C.1.2.10P	Train Ready To Start (TRTS) Supply	Verified
B.C.1.2.10W	Train Ready To Start (TRTS) Overhaul	Qualified via Audit
B.C.1.2.11P	Marker Posts - Shunt & SPAD Indicators Supply	Verified
B.C.1.2.11W	Marker Posts - Shunt & SPAD Indicators Overhaul	Qualified via Audit
B.C.1.2.1P	Colour Light Signals Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
B.C.1.2.1W	Colour Light Signals Overhaul	Qualified via Audit
B.C.1.2.2P	Banner Signals Supply	Verified
B.C.1.2.2W	Banner Signals Overhaul	Qualified via Audit
B.C.1.2.3P	Draw Ahead Signals Supply	Verified
B.C.1.2.4P	Ground Position Light Signals Supply	Verified
B.C.1.2.4W	Ground Position Light Signals Overhaul	Qualified via Audit
B.C.1.2.5P	Signal Lamps (including LEDs) & Lamp Holders Supply	Verified
B.C.1.2.5W	Signal Lamps (including LEDs) & Lamp Holders Overhaul	Qualified via Audit
B.C.1.2.6P	Signal Lenses Supply	Verified
B.C.1.2.6W	Signal Lenses Overhaul	Qualified via Audit
B.C.1.2.7P	Points Indicators Supply	Verified
B.C.1.2.7W	Points Indicators Overhaul	Qualified via Audit
B.C.1.2.8P	Right Away/Close Door Indicators (RA/CD) Supply	Verified
B.C.1.2.9P	Off Indicators Supply	Verified
B.C.1.2.9W	Off Indicators Overhaul	Qualified via Audit
B.C.1.3.1P	Level Crossing Controls Supply	Verified
B.C.1.3.1W	Level Crossing Controls Overhaul	Qualified via Audit
B.C.1.3.2P	Level Crossing Mechanical Equipment e.g. Booms & Barriers Supply	Verified
B.C.1.3.2W	Level Crossing Mechanical Equipment e.g. Booms & Barriers Overhaul	Qualified via Audit
B.C.1.3.3P	Level Crossing Warning Devices Supply	Verified
B.C.1.3.3W	Level Crossing Warning Devices Overhaul	Qualified via Audit
B.C.1.3.4P	Light Units/Wig Wags Supply	Verified
B.C.1.3.4W	Light Units/Wig Wags Overhaul	Qualified via Audit

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
B.C.1.3.5P	Audible Devices - Bells Supply	Verified
B.C.1.3.5W	Audible Devices - Bells Overhaul	Qualified via Audit
B.C.1.3.6P	Signage Supply	Verified
B.C.1.3.7P	Predictor (New Level Crossing Train Detection System) Supply	Verified
B.C.1.4.1P	HPSS Supply	Verified
B.C.1.4.2P	Clamplock Points Supply	Verified
B.C.1.4.2W	Clamplock Points Overhaul	Qualified via Audit
B.C.1.4.3P	Point Machines Supply	Verified
B.C.1.4.3W	Point Machines Overhaul	Qualified via Audit
B.C.1.4.4P	Mechanical Backdrive Supply	Verified
B.C.1.4.5P	Powerlink Backdrive Supply	Verified
B.C.1.4.6P	SO (Hydraulic Backdrive) Supply	Verified
B.C.1.5.1P	Patrolman Switch Supply	Verified
B.C.1.5.1W	Patrolman Switch Overhaul	Qualified via Audit
B.C.1.5.2P	ATWS Supply	Verified
B.C.1.6.1P	Route Relay Interlocking Free Wired Both Yellow Book & Western Region Supply	Verified
B.C.1.6.1U	Route Relay Interlocking Free Wired Both Yellow Book & Western Region Dispose	Verified
B.C.1.6.1W	Route Relay Interlocking Free Wired Both Yellow Book & Western Region Overhaul	Qualified via Audit
B.C.1.6.2P	West Pac 1,2,3,4 Supply	Verified
B.C.1.6.2W	West Pac 1,2,3,4 Overhaul	Qualified via Audit
B.C.1.6.3P	GEC Geographical Supply	Verified
B.C.1.6.3W	GEC Geographical Overhaul	Qualified via Audit
B.C.1.6.4P	SSI Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
B.C.1.6.4W	SSI Overhaul	Qualified via Audit
B.C.1.6.5P	SIMS W Supply	Verified
B.C.1.6.6P	Ansaldo Supply	Verified
B.C.1.7.1P	Signal Control Panel NX Supply	Verified
B.C.1.7.1Q	Signal Control Panel NX Design	Qualified via Audit
B.C.1.7.1U	Signal Control Panel NX Dispose	Verified
B.C.1.7.1W	Signal Control Panel NX Overhaul	Qualified via Audit
B.C.1.7.1X	Signal Control Panel NX Install	Qualified via Audit
B.C.1.7.1Y	Signal Control Panel NX Modify	Qualified via Audit
B.C.1.7.2P	Signal Control Panel - One Switch NX Supply	Verified
B.C.1.7.2U	Signal Control Panel - One Switch NX Dispose	Verified
B.C.1.7.2W	Signal Control Panel - One Switch NX Overhaul	Qualified via Audit
B.C.1.7.3P	VDU Based Systems Supply	Verified
B.C.1.7.3W	VDU Based Systems Overhaul	Qualified via Audit
B.C.1.7.4P	IECC Signal Control & Indication Equipment Supply	Verified
B.C.1.7.4W	IECC Signal Control & Indication Equipment Overhaul	Qualified via Audit
B.C.1.7.5P	RETB Signal Control & Indication Equipment Supply	Verified
B.C.1.7.5W	RETB Signal Control & Indication Equipment Overhaul	Qualified via Audit
B.C.1.8.1P	Train Describers (Mechanical) Supply	Verified
B.C.1.8.2P	Train Describers (Electronic) Supply	Verified
B.C.1.8.2W	Train Describers (Electronic) Overhaul	Qualified via Audit
B.C.1.9.1P	Ground Frames Manual Supply	Verified
B.C.1.9.1W	Ground Frames Manual Overhaul	Qualified via Audit

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
B.C.1.9.2P	Ground Frames Powered Supply	Verified
B.C.1.9.2W	Ground Frames Powered Overhaul	Qualified via Audit
B.C.1.9.3P	Lever Frames (Mechanical & Electro Mechanical) Supply	Verified
B.C.1.9.3W	Lever Frames (Mechanical & Electro Mechanical) Overhaul	Qualified via Audit
B.C.1.9.4P	Semaphore Signals Supply	Verified
B.C.1.9.4W	Semaphore Signals Overhaul	Qualified via Audit
B.C.1.9.5P	Mechanical & Fabricated Equipment Supply	Verified
B.C.1.9.5W	Mechanical & Fabricated Equipment Overhaul	Qualified via Audit
B.C.1.9.6P	Block Instruments Supply	Verified
B.C.1.9.6W	Block Instruments Overhaul	Qualified via Audit
B.C.1.9.7P	Token Instruments Supply	Verified
B.C.1.9.7W	Token Instruments Overhaul	Qualified via Audit
B.C.2.1.1P	Telephone Exchanges (Including Switching Equipment) Supply	Verified
B.C.2.1.1W	Telephone Exchanges (Including Switching Equipment) Overhaul	Qualified via Audit
B.C.2.1.2W	Telephone Concentrators (Including Switching Equipment) Overhaul	Qualified via Audit
B.C.2.1.3P	Recording Equipment Supply	Verified
B.C.2.1.4P	UPS Supply	Verified
B.C.2.1.5W	Battery Back-up - Rectifier Overhaul	Qualified via Audit
B.C.2.1.6P	Lineside Telephones Supply	Verified
B.C.2.1.6W	Lineside Telephones Overhaul	Qualified via Audit
B.C.2.2.10P	Modem Services Supply	Verified
B.C.2.2.10W	Modem Services Overhaul	Qualified via Audit
B.C.2.2.4P	Telecomm Cabling (Multiple Pair Copper) Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
B.C.2.2.5P	Telecomm Cabling (Co-Ax) Supply	Verified
B.C.2.2.6P	Telecomm Cabling (Data Cabling) Supply	Verified
B.C.2.2.7P	Telecomm Cabling (Fibre) Supply	Verified
B.C.2.2.8P	UPS Supply	Verified
B.C.2.2.9P	Battery Back-up - Rectifier Supply	Verified
B.C.2.3.1P	Radio Systems Supply	Verified
B.C.2.3.1W	Radio Systems Overhaul	Qualified via Audit
B.C.2.3.2P	Wireless Services Supply	Verified
B.C.2.4.1P	CCTV DOO Systems Supply	Verified
B.C.2.4.1W	CCTV DOO Systems Overhaul	Qualified via Audit
B.C.2.4.3P	CCTV Surveillance Systems Supply	Verified
B.C.2.4.3W	CCTV Surveillance Systems Overhaul	Qualified via Audit
B.C.2.5P	CIS Supply	Verified
B.C.2.5W	CIS Overhaul	Qualified via Audit
B.C.2.6.1P	Materials & Parts (Telecomms) Supply	Verified
B.C.3.1P	Remote Condition Monitoring Supply	Verified
B.C.3.3P	Hot Axle Box Detectors Supply	Verified
B.C.3.6P	NDT Inspection Equipment Supply	Verified
B.C.4.1N	Signalling Consultancy Service	Verified
C.B.3P	Track Drainage Supply	Verified
C.B.4.1N	Cable Pulling and Laying Service	Verified
C.B.5.1P	Materials & Parts (Rail) Supply	Verified
C.B.5.2P	Materials & Parts (Switch & Crossing Units) Supply	Verified



## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
C.B.5.3P	Materials & Parts (Sleepers) Supply	Verified
C.B.5.4P	Materials & Parts (Track Support) Supply	Verified
C.B.5.5P	Materials & Parts (Troughing) Supply	Verified
C.B.5.6P	Materials & Parts (Ancillary Track Related) Supply	Verified
C.B.5.7P	Detonators (Track Protection) Supply	Verified
C.B.5.7U	Detonators (Track Protection) Dispose	Verified
C.C.2.1P	Gantries Supply	Verified
C.C.2.2P	Cantilevers Supply	Verified
C.C.2.3P	Straight Posts Supply	Verified
C.C.2.3Q	Straight Posts Design	Qualified via Audit
C.C.2.4P	Equipment Foundations Supply	Verified
C.C.3.2.20P	Surfacing for Level Crossings Supply	Verified
C.C.3.4.6.1P	Rail Lubrication Applicators Supply	Verified
C.C.3.4.7.1P	Concrete Fences Supply	Verified
C.C.3.4.7.4P	Plastic Fences Supply	Verified
C.C.3.4.7.6P	Level Crossing Stiles, Gates & Barriers Supply	Verified
C.C.3.4.7.7P	Safety Barriers & Restraints Supply	Verified
C.C.4P	Materials & Parts (Civils) Supply	Verified
C.D.4.9P	Modular Buildings & REBs (For Equipment Installation) Supply	Verified
C.D.7.1P	Platforms Including Copers, Paving & Tarmac Supply	Verified
C.D.7.2P	Platform Face Walls Supply	Verified
C.D.7.3P	Modular Platforms Including Trestle Supply	Verified
C.D.9P	Materials & Parts (Building Works) Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
D.D.6P	Trackside Lighting, Temporary & Permanent Supply	Verified
D.D.7P	Hand Tools Supply	Verified
D.D.8P	Materials & Parts (Plant & Tools) Supply	Verified
D.E.1.1P	LV Switchgear Supply	Verified
D.E.1.2P	UPS up to 10 KVA Supply	Verified
D.E.1.3P	UPS above 10 KVA Supply	Verified
D.E.1.4P	UPS Batteries Supply	Verified
D.E.1.7P	LV Distribution Cabling Supply	Verified
D.E.2.1P	Substation Switchgear (Including Control & Protection) Supply	Verified
D.E.2.3P	HV Cabling Supply	Verified
D.E.3.1P	Lighting Equipment (Including Luminaires & Control Equipment) Supply	Verified
D.E.3.2P	Lighting Support Equipment (Including Winch Mechanisms) Supply	Verified
D.E.4.2P	Electric Points Heating Systems Supply	Verified
D.E.4.3P	Conductor Rail Heating Systems Supply	Verified
D.E.7.1P	Chargers for Signalling Equipment Supply	Verified
D.E.7.1U	Chargers for Signalling Equipment Dispose	Qualified via Audit
D.E.7.1W	Chargers for Signalling Equipment Overhaul	Qualified via Audit
D.E.7.2P	Transformers & Transformer Rectifiers Supply	Verified
D.E.7.2W	Transformers & Transformer Rectifiers Overhaul	Qualified via Audit
D.E.7.3P	Point T/J (Transformer Rectifiers) Supply	Verified
D.E.7.3U	Point T/J (Transformer Rectifiers) Dispose	Qualified via Audit
D.E.7.3W	Point T/J (Transformer Rectifiers) Overhaul	Qualified via Audit
D.E.7.4P	Earth Leakage Detectors Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
D.E.7.4W	Earth Leakage Detectors Overhaul	Qualified via Audit
D.E.7.5P	Batteries Supply	Verified
D.E.7.5U	Batteries Dispose	Qualified via Audit
D.E.7.6P	U.P.S. Supply	Verified
D.E.8P	Materials & Parts (Fixed Infrastructure Plant) Supply	Verified
D.F.7P	Shore Supplies & Battery Chargers Supply	Verified
E.J.6N	Vinyl Wrap Service	Verified
E.K.1.1.1P	Plastic Supply	Verified
E.K.1.1.1W	Plastic Overhaul	Verified
E.K.1.1.2P	Roller Supply	Verified
E.K.1.1.2W	Roller Overhaul	Verified
E.K.1.1.3P	White Metal Supply	Verified
E.K.1.1.3W	White Metal Overhaul	Verified
E.K.1.10.1P	Gasket Supply	Verified
E.K.1.11.1P	Single core cables < 5mm <sup>2</sup> Supply	Verified
E.K.1.11.2P	Single core cables => 5mm <sup>2</sup> Supply	Verified
E.K.1.11.3P	Multicore cables Supply	Verified
E.K.1.11.4P	Cable Harness Supply	Verified
E.K.1.11.4W	Cable Harness Overhaul	Verified
E.K.1.11.5P	Cable markers Supply	Verified
E.K.1.11.6P	Cable Ducts and Conduit Supply	Verified
E.K.1.11.6V	Cable Ducts and Conduit Maintain	Verified
E.K.1.11.6W	Cable Ducts and Conduit Overhaul	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.1.11.7P	General Purpose Springs and Clips Supply	Verified
E.K.1.12P	Machined Components Supply	Verified
E.K.1.12V	Machined Components Maintain	Verified
E.K.1.12W	Machined Components Overhaul	Verified
E.K.1.13P	Fabricated Components Supply	Verified
E.K.1.13V	Fabricated Components Maintain	Verified
E.K.1.13W	Fabricated Components Overhaul	Verified
E.K.1.14.1P	Plywood Supply	Verified
E.K.1.14.1V	Plywood Maintain	Verified
E.K.1.14.1W	Plywood Overhaul	Verified
E.K.1.14.2P	Fire resistant plywood Supply	Verified
E.K.1.14.2V	Fire resistant plywood Maintain	Verified
E.K.1.14.2W	Fire resistant plywood Overhaul	Verified
E.K.1.15.1P	Coating Supply	Verified
E.K.1.15.1V	Coating Maintain	Verified
E.K.1.15.1W	Coating Overhaul	Verified
E.K.1.15.2P	Intumescent Paint Supply	Verified
E.K.1.15.2V	Intumescent Paint Maintain	Verified
E.K.1.15.2W	Intumescent Paint Overhaul	Verified
E.K.1.16.1P	Grease Supply	Verified
E.K.1.16.1V	Grease Maintain	Verified
E.K.1.16.1W	Grease Overhaul	Verified
E.K.1.16.2P	Oil Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.1.16.2V	Oil Maintain	Verified
E.K.1.16.2W	Oil Overhaul	Verified
E.K.1.17.1P	Silicone Supply	Verified
E.K.1.17.1V	Silicone Maintain	Verified
E.K.1.17.1W	Silicone Overhaul	Verified
E.K.1.17.2P	Thread locking adhesive Supply	Verified
E.K.1.17.2V	Thread locking adhesive Maintain	Verified
E.K.1.17.2W	Thread locking adhesive Overhaul	Verified
E.K.1.2.1P	Plugs and Sockets Supply	Verified
E.K.1.2.1V	Plugs and Sockets Maintain	Verified
E.K.1.2.1W	Plugs and Sockets Overhaul	Verified
E.K.1.3.1P	Frames and Panels Supply	Verified
E.K.1.3.1V	Frames and Panels Maintain	Verified
E.K.1.3.1W	Frames and Panels Overhaul	Verified
E.K.1.4.1P	General Purpose Fasteners Supply	Verified
E.K.1.4.2P	Critical Fasteners Supply	Verified
E.K.1.5.1P	Compressed air filters Supply	Verified
E.K.1.5.1V	Compressed air filters Maintain	Verified
E.K.1.5.1W	Compressed air filters Overhaul	Verified
E.K.1.5.2P	Atmospheric air filters Supply	Verified
E.K.1.5.2V	Atmospheric air filters Maintain	Verified
E.K.1.5.2W	Atmospheric air filters Overhaul	Verified
E.K.1.5.3P	Oil/Fuel Filters Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.1.5.3V	Oil/Fuel Filters Maintain	Verified
E.K.1.5.3W	Oil/Fuel Filters Overhaul	Verified
E.K.1.6.1P	Compressed Air Hose Supply	Verified
E.K.1.6.1V	Compressed Air Hose Maintain	Verified
E.K.1.6.1W	Compressed Air Hose Overhaul	Verified
E.K.1.6.2P	Vacuum Hose Supply	Verified
E.K.1.6.2V	Vacuum Hose Maintain	Verified
E.K.1.6.2W	Vacuum Hose Overhaul	Verified
E.K.1.6.3P	Liquid Hose Supply	Verified
E.K.1.6.3V	Liquid Hose Maintain	Verified
E.K.1.6.3W	Liquid Hose Overhaul	Verified
E.K.1.6.4P	Waste hose Supply	Verified
E.K.1.6.4V	Waste hose Maintain	Verified
E.K.1.6.4W	Waste hose Overhaul	Verified
E.K.1.7.1P	Circuit Breakers Supply	Verified
E.K.1.7.1V	Circuit Breakers Maintain	Verified
E.K.1.7.1W	Circuit Breakers Overhaul	Verified
E.K.1.7.2P	Printed circuit boards Supply	Verified
E.K.1.7.2V	Printed circuit boards Maintain	Verified
E.K.1.7.2W	Printed circuit boards Overhaul	Verified
E.K.1.7.3P	Relays Supply	Verified
E.K.1.7.3V	Relays Maintain	Verified
E.K.1.7.3W	Relays Overhaul	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.1.7.4P	Indicators Supply	Verified
E.K.1.7.4V	Indicators Maintain	Verified
E.K.1.7.4W	Indicators Overhaul	Verified
E.K.1.7.5P	Switches Supply	Verified
E.K.1.7.5V	Switches Maintain	Verified
E.K.1.7.5W	Switches Overhaul	Verified
E.K.1.7.6P	Control & Display Unit Supply	Verified
E.K.1.7.6V	Control & Display Unit Maintain	Verified
E.K.1.7.6W	Control & Display Unit Overhaul	Verified
E.K.1.8P	Pipes and Fittings Supply	Verified
E.K.1.8V	Pipes and Fittings Maintain	Verified
E.K.1.8W	Pipes and Fittings Overhaul	Verified
E.K.1.9.1P	Rubber matting Supply	Verified
E.K.1.9.1W	Rubber matting Overhaul	Verified
E.K.1.9.2P	Rubber composite bushes Supply	Verified
E.K.1.9.2W	Rubber composite bushes Overhaul	Verified
E.K.10.1P	Measuring and protective devices Supply	Verified
E.K.10.1W	Measuring and protective devices Overhaul	Verified
E.K.10.2.2P	On-train monitoring and recording (OTMR) Supply	Verified
E.K.10.2.2W	On-train monitoring and recording (OTMR) Overhaul	Verified
E.K.10.2.3P	Condition Monitoring Supply	Verified
E.K.10.2.3Q	Condition Monitoring Design	Verified
E.K.10.2.3V	Condition Monitoring Maintain	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.10.2.3W	Condition Monitoring Overhaul	Verified
E.K.10.2.4P	Juridical recorder Supply	Verified
E.K.10.2.4W	Juridical recorder Overhaul	Verified
E.K.10.2.5P	Video surveillance Supply	Verified
E.K.10.2.5W	Video surveillance Overhaul	Verified
E.K.10.2.6P	System Data Acquisition Supply	Verified
E.K.10.2.6W	System Data Acquisition Overhaul	Verified
E.K.10.3.1P	Heritage Automatic Train Protection (ATP) Unit Supply	Verified
E.K.10.3.1W	Heritage Automatic Train Protection (ATP) Unit Overhaul	Verified
E.K.10.3.3.1P	Fire detection system Supply	Verified
E.K.10.3.3.1V	Fire detection system Maintain	Verified
E.K.10.3.3.1W	Fire detection system Overhaul	Verified
E.K.10.3.3.2P	Fire extinguishing system Supply	Verified
E.K.10.3.3.2V	Fire extinguishing system Maintain	Verified
E.K.10.3.3.2W	Fire extinguishing system Overhaul	Verified
E.K.10.5.1P	Operations radio system Supply	Verified
E.K.10.5.1W	Operations radio system Overhaul	Verified
E.K.10.5.2P	Train crew communication system Supply	Verified
E.K.10.5.2W	Train crew communication system Overhaul	Verified
E.K.10.5.3P	Passenger Emergency Communication Supply	Verified
E.K.10.5.3W	Passenger Emergency Communication Overhaul	Verified
E.K.10.5.4P	Automatic Passenger Counters Supply	Verified
E.K.10.5.4W	Automatic Passenger Counters Overhaul	Verified



## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.10.5.5P	Track Circuit Assistor System Supply	Verified
E.K.10.5.5V	Track Circuit Assistor System Maintain	Verified
E.K.10.5.5W	Track Circuit Assistor System Overhaul	Verified
E.K.11.1P	Exterior lighting equipment Supply	Verified
E.K.11.2P	Interior lighting equipment Supply	Verified
E.K.11.2Q	Interior lighting equipment Design	Verified
E.K.11.2W	Interior lighting equipment Overhaul	Verified
E.K.12.1P	Air cooling Supply	Verified
E.K.12.1W	Air cooling Overhaul	Verified
E.K.12.2.1P	Electric Heating Supply	Verified
E.K.12.2.1V	Electric Heating Maintain	Verified
E.K.12.2.1W	Electric Heating Overhaul	Verified
E.K.12.3P	HVAC control Supply	Verified
E.K.12.3W	HVAC control Overhaul	Verified
E.K.12.4P	Ventilation Supply	Verified
E.K.12.4W	Ventilation Overhaul	Verified
E.K.13.1.1P	Train Door Control System Supply	Verified
E.K.13.1.1W	Train Door Control System Overhaul	Verified
E.K.13.1.2P	Local Door Control System Supply	Verified
E.K.13.1.2W	Local Door Control System Overhaul	Verified
E.K.13.1.3.1P	Pneumatic Actuator Supply	Verified
E.K.13.1.3.1W	Pneumatic Actuator Overhaul	Verified
E.K.13.1.3.2P	Electric Actuator (Inc gearbox) Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.13.1.3.2W	Electric Actuator (Inc gearbox) Overhaul	Verified
E.K.13.1.6.1P	Fixed steps (for passengers) Supply	Verified
E.K.13.1.6.1W	Fixed steps (for passengers) Overhaul	Verified
E.K.13.1.6.2P	Automatic Entrance steps and ramps Supply	Verified
E.K.13.1.6.2W	Automatic Entrance steps and ramps Overhaul	Verified
E.K.13.1.6.3.1P	Lifts Supply	Verified
E.K.13.1.6.3.1W	Lifts Overhaul	Verified
E.K.13.1.6.3.2P	Ramps Supply	Verified
E.K.13.1.6.3.2W	Ramps Overhaul	Verified
E.K.13.1.6.4P	Emergency key operated step Supply	Verified
E.K.13.1.6.4W	Emergency key operated step Overhaul	Verified
E.K.13.2.1P	Door control System Supply	Verified
E.K.13.2.1W	Door control System Overhaul	Verified
E.K.13.2.2.1P	Pneumatic Actuator Supply	Verified
E.K.13.2.2.1W	Pneumatic Actuator Overhaul	Verified
E.K.13.2.2.2P	Electric Actuator (Inc gearbox) Supply	Verified
E.K.13.2.2.2W	Electric Actuator (Inc gearbox) Overhaul	Verified
E.K.14.2M	Entertainment Manufacture	Verified
E.K.14.2V	Entertainment Maintain	Verified
E.K.14.2W	Entertainment Overhaul	Verified
E.K.15.1.1P	Main Air Compressor Supply	Verified
E.K.15.1.1W	Main Air Compressor Overhaul	Verified
E.K.15.1.2P	Auxiliary Air Compressor Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.15.1.2W	Auxiliary Air Compressor Overhaul	Verified
E.K.15.2.1P	Aftercooler Supply	Verified
E.K.15.2.1W	Aftercooler Overhaul	Verified
E.K.15.2.2P	Air Filter Supply	Verified
E.K.15.2.2W	Air Filter Overhaul	Verified
E.K.15.2.3P	Air Driers Supply	Verified
E.K.15.2.3W	Air Driers Overhaul	Verified
E.K.15.3P	Air Reservoir Supply	Verified
E.K.15.3W	Air Reservoir Overhaul	Verified
E.K.15.4.1P	Valves Supply	Verified
E.K.15.4.1W	Valves Overhaul	Verified
E.K.15.4.2P	Gauges Supply	Verified
E.K.15.4.2W	Gauges Overhaul	Verified
E.K.15.4.3P	Governor (Pressure Switch) Supply	Verified
E.K.15.4.3W	Governor (Pressure Switch) Overhaul	Verified
E.K.15.4.4P	Safety Valve Supply	Verified
E.K.15.4.4W	Safety Valve Overhaul	Verified
E.K.15.4.5P	Pressure Reducing Valve Supply	Verified
E.K.15.4.5W	Pressure Reducing Valve Overhaul	Verified
E.K.15.4.6P	Automatic Drain Valve Supply	Verified
E.K.15.4.6W	Automatic Drain Valve Overhaul	Verified
E.K.15.5.1P	Hydraulic (Hydrostatic) Motor Supply	Verified
E.K.15.5.1W	Hydraulic (Hydrostatic) Motor Overhaul	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.15.6P	(Hydraulic system) treatment Supply	Verified
E.K.15.6W	(Hydraulic system) treatment Overhaul	Verified
E.K.15.7P	(Hydraulic system) storage Supply	Verified
E.K.15.7W	(Hydraulic system) storage Overhaul	Verified
E.K.15.8.1P	Valves Supply	Verified
E.K.15.8.1W	Valves Overhaul	Verified
E.K.16.1P	Supplementary Brake Equipment Supply	Verified
E.K.16.1W	Supplementary Brake Equipment Overhaul	Verified
E.K.16.2.1P	Brake Pad Supply	Verified
E.K.16.2.1W	Brake Pad Overhaul	Verified
E.K.16.2.2P	Brake Block Supply	Verified
E.K.16.2.2W	Brake Block Overhaul	Verified
E.K.16.3.1P	Brake Actuator Supply	Verified
E.K.16.3.1W	Brake Actuator Overhaul	Verified
E.K.16.3.2P	Brake Rigging Supply	Verified
E.K.16.3.2W	Brake Rigging Overhaul	Verified
E.K.16.3.3P	Calipers Supply	Verified
E.K.16.3.3W	Calipers Overhaul	Verified
E.K.16.3.4P	Links and Pins Supply	Verified
E.K.16.3.4W	Links and Pins Overhaul	Verified
E.K.16.4.1P	Wheel slip/slide protection (WSP) equipment Supply	Verified
E.K.16.4.1W	Wheel slip/slide protection (WSP) equipment Overhaul	Verified
E.K.16.4.2P	Electronic Brake Control Unit Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.16.4.2V	Electronic Brake Control Unit Maintain	Verified
E.K.16.4.3P	Distributor Supply	Verified
E.K.16.4.3W	Distributor Overhaul	Verified
E.K.16.5.1P	Electrical Control Equipment Supply	Verified
E.K.16.5.1V	Electrical Control Equipment Maintain	Verified
E.K.16.5.1W	Electrical Control Equipment Overhaul	Verified
E.K.16.5.2P	Pneumatic Control Equipment Supply	Verified
E.K.16.5.2V	Pneumatic Control Equipment Maintain	Verified
E.K.16.5.2W	Pneumatic Control Equipment Overhaul	Verified
E.K.17.1P	Automatic (mechanical) coupling devices Supply	Verified
E.K.17.1W	Automatic (mechanical) coupling devices Overhaul	Verified
E.K.17.2P	Manual coupling devices Supply	Verified
E.K.17.2W	Manual coupling devices Overhaul	Verified
E.K.17.3P	Semi-Permanent Coupler Supply	Verified
E.K.17.3W	Semi-Permanent Coupler Overhaul	Verified
E.K.17.4.1P	Electrical Control or Data Jumpers and Sockets Supply	Verified
E.K.17.4.1W	Electrical Control or Data Jumpers and Sockets Overhaul	Verified
E.K.17.4.2P	Electrical Power Jumpers and Sockets Supply	Verified
E.K.17.4.2Q	Electrical Power Jumpers and Sockets Design	Verified
E.K.17.4.2W	Electrical Power Jumpers and Sockets Overhaul	Verified
E.K.17.6P	Towing gear (emergency couplings) Supply	Verified
E.K.17.6W	Towing gear (emergency couplings) Overhaul	Verified
E.K.17.8.1P	Hydraulic buffers Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.17.8.1W	Hydraulic buffers Overhaul	Verified
E.K.17.8.2P	Spring buffers Supply	Verified
E.K.17.8.2W	Spring buffers Overhaul	Verified
E.K.17.8.3P	Rolling rubber buffers Supply	Verified
E.K.17.8.3W	Rolling rubber buffers Overhaul	Verified
E.K.17.9P	Gangways Supply	Verified
E.K.17.9W	Gangways Overhaul	Verified
E.K.2.1.1M	Insulation Manufacture	Verified
E.K.2.1.1V	Insulation Maintain	Verified
E.K.2.1.1W	Insulation Overhaul	Verified
E.K.2.1.3P	Side walls Supply	Verified
E.K.2.1.4P	Roof Supply	Verified
E.K.2.1.4V	Roof Maintain	Verified
E.K.2.1.4W	Roof Overhaul	Verified
E.K.2.1.5P	Head of vehicle Supply	Verified
E.K.2.1.6P	End wall Supply	Verified
E.K.2.1.6V	End wall Maintain	Verified
E.K.2.1.6W	End wall Overhaul	Verified
E.K.2.1.7P	Intermediate horizontal structure Supply	Verified
E.K.2.1.7V	Intermediate horizontal structure Maintain	Verified
E.K.2.1.7W	Intermediate horizontal structure Overhaul	Verified
E.K.2.1.8P	Structural partitions Supply	Verified
E.K.2.1.8V	Structural partitions Maintain	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.2.1.8W	Structural partitions Overhaul	Verified
E.K.2.1.9.1P	Obstacle Deflectors Supply	Verified
E.K.2.1.9.1V	Obstacle Deflectors Maintain	Verified
E.K.2.1.9.1W	Obstacle Deflectors Overhaul	Verified
E.K.2.1.9.2P	Anti Climbers Supply	Verified
E.K.2.1.9.2V	Anti Climbers Maintain	Verified
E.K.2.1.9.2W	Anti Climbers Overhaul	Verified
E.K.2.1.9.3P	Bolsters Supply	Verified
E.K.2.1.9.3V	Bolsters Maintain	Verified
E.K.2.1.9.3W	Bolsters Overhaul	Verified
E.K.2.2.1M	Front Windscreen Manufacture	Verified
E.K.2.2.1V	Front Windscreen Maintain	Verified
E.K.2.2.1W	Front Windscreen Overhaul	Verified
E.K.3.1.1P	Sunblinds Supply	Verified
E.K.3.1.1V	Sunblinds Maintain	Verified
E.K.3.1.1W	Sunblinds Overhaul	Verified
E.K.3.1.2P	Wipers/Washing System Supply	Verified
E.K.3.1.2V	Wipers/Washing System Maintain	Verified
E.K.3.1.2W	Wipers/Washing System Overhaul	Verified
E.K.3.1.3P	Windscreen heating system Supply	Verified
E.K.3.1.3V	Windscreen heating system Maintain	Verified
E.K.3.1.3W	Windscreen heating system Overhaul	Verified
E.K.3.11P	Labels and Signs Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.3.2.1P	Floor Boarding Supply	Verified
E.K.3.2.1V	Floor Boarding Maintain	Verified
E.K.3.2.1W	Floor Boarding Overhaul	Verified
E.K.3.2.2P	Floor Covering Supply	Verified
E.K.3.2.2V	Floor Covering Maintain	Verified
E.K.3.2.2W	Floor Covering Overhaul	Verified
E.K.3.3P	Interior Panelling & Partitions Supply	Verified
E.K.3.3V	Interior Panelling & Partitions Maintain	Verified
E.K.3.3W	Interior Panelling & Partitions Overhaul	Verified
E.K.3.4.5P	Table Supply	Verified
E.K.3.4.5V	Table Maintain	Verified
E.K.3.4.5W	Table Overhaul	Verified
E.K.3.4.6P	Sleeping Berth Supply	Verified
E.K.3.4.6V	Sleeping Berth Maintain	Verified
E.K.3.4.6W	Sleeping Berth Overhaul	Verified
E.K.3.4.7P	Curtains and Blinds Supply	Verified
E.K.3.4.7V	Curtains and Blinds Maintain	Verified
E.K.3.4.7W	Curtains and Blinds Overhaul	Verified
E.K.3.6.1P	Passenger seat Supply	Verified
E.K.3.6.2P	Driver seat Supply	Verified
E.K.3.7.1P	Hand Washing Facilities Supply	Verified
E.K.3.7.1V	Hand Washing Facilities Maintain	Verified
E.K.3.7.1W	Hand Washing Facilities Overhaul	Verified



## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.3.7.2P	Water Storage Supply	Verified
E.K.3.7.2V	Water Storage Maintain	Verified
E.K.3.7.2W	Water Storage Overhaul	Verified
E.K.3.7.3P	Flush Toilet Supply	Verified
E.K.3.7.3V	Flush Toilet Maintain	Verified
E.K.3.7.3W	Flush Toilet Overhaul	Verified
E.K.3.7.4P	Vacuum Toilet (including control unit) Supply	Verified
E.K.3.7.4V	Vacuum Toilet (including control unit) Maintain	Verified
E.K.3.7.4W	Vacuum Toilet (including control unit) Overhaul	Verified
E.K.3.7.5P	Effluent Tank Supply	Verified
E.K.3.7.5V	Effluent Tank Maintain	Verified
E.K.3.7.5W	Effluent Tank Overhaul	Verified
E.K.4.1.1P	Traction bogie Supply	Verified
E.K.4.1.1V	Traction bogie Maintain	Verified
E.K.4.1.1W	Traction bogie Overhaul	Verified
E.K.4.1.2P	Trailer bogie Supply	Verified
E.K.4.1.2V	Trailer bogie Maintain	Verified
E.K.4.1.2W	Trailer bogie Overhaul	Verified
E.K.4.1.3P	Bogie Frame Supply	Verified
E.K.4.1.3V	Bogie Frame Maintain	Verified
E.K.4.1.3W	Bogie Frame Overhaul	Verified
E.K.4.1.4.1P	Earthing Return and Bonding Supply	Verified
E.K.4.1.4.1V	Earthing Return and Bonding Maintain	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.4.1.4.1W	Earthing Return and Bonding Overhaul	Verified
E.K.4.1.4.3P	Lifeguard Supply	Verified
E.K.4.1.4.3V	Lifeguard Maintain	Verified
E.K.4.1.4.3W	Lifeguard Overhaul	Verified
E.K.4.1.4.4.1P	Sanding Delivery equipment Supply	Verified
E.K.4.1.4.4.1V	Sanding Delivery equipment Maintain	Verified
E.K.4.1.4.4.1W	Sanding Delivery equipment Overhaul	Verified
E.K.4.1.4.4.2P	Hotbox detector Supply	Verified
E.K.4.1.4.4.2V	Hotbox detector Maintain	Verified
E.K.4.1.4.4.2W	Hotbox detector Overhaul	Verified
E.K.4.1.4.5P	Flange Lubrication System Supply	Verified
E.K.4.1.4.5W	Flange Lubrication System Overhaul	Verified
E.K.4.2.1P	Axle Supply	Verified
E.K.4.2.1V	Axle Maintain	Verified
E.K.4.2.1W	Axle Overhaul	Verified
E.K.4.2.2P	Wheel Supply	Verified
E.K.4.2.2V	Wheel Maintain	Verified
E.K.4.2.2W	Wheel Overhaul	Verified
E.K.4.2.3P	Axlebox Supply	Verified
E.K.4.2.3V	Axlebox Maintain	Verified
E.K.4.2.3W	Axlebox Overhaul	Verified
E.K.4.2.4P	Wheel Bearing Supply	Verified
E.K.4.2.4V	Wheel Bearing Maintain	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.4.2.4W	Wheel Bearing Overhaul	Verified
E.K.4.2.5P	Gearwheel Supply	Verified
E.K.4.2.5V	Gearwheel Maintain	Verified
E.K.4.2.5W	Gearwheel Overhaul	Verified
E.K.4.2.6P	Brake Disc Supply	Verified
E.K.4.2.6V	Brake Disc Maintain	Verified
E.K.4.2.6W	Brake Disc Overhaul	Verified
E.K.4.2.7P	TM Sus Tube Supply	Verified
E.K.4.2.7V	TM Sus Tube Maintain	Verified
E.K.4.2.7W	TM Sus Tube Overhaul	Verified
E.K.4.3.1P	Adjustment Supply	Verified
E.K.4.3.2P	Metal springs Supply	Verified
E.K.4.3.2V	Metal springs Maintain	Verified
E.K.4.3.2W	Metal springs Overhaul	Verified
E.K.4.3.3P	Rubber springs Supply	Verified
E.K.4.3.3V	Rubber springs Maintain	Verified
E.K.4.3.3W	Rubber springs Overhaul	Verified
E.K.4.3.5P	Active Components Supply	Verified
E.K.4.3.5V	Active Components Maintain	Verified
E.K.4.3.5W	Active Components Overhaul	Verified
E.K.4.3.6P	Passive Components Supply	Verified
E.K.4.3.6V	Passive Components Maintain	Verified
E.K.4.3.6W	Passive Components Overhaul	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.4.4P	Dampers Supply	Verified
E.K.4.4V	Dampers Maintain	Verified
E.K.4.4W	Dampers Overhaul	Verified
E.K.4.5.5P	Anti Roll Bar Supply	Verified
E.K.4.5.5V	Anti Roll Bar Maintain	Verified
E.K.4.5.5W	Anti Roll Bar Overhaul	Verified
E.K.5.1.1P	Pantograph Supply	Verified
E.K.5.1.1V	Pantograph Maintain	Verified
E.K.5.1.1W	Pantograph Overhaul	Verified
E.K.5.1.2P	Roof Disconnecter inc Earthing Switch Supply	Verified
E.K.5.2.1P	Third rail shoe gear Supply	Verified
E.K.5.2.1V	Third rail shoe gear Maintain	Verified
E.K.5.2.1W	Third rail shoe gear Overhaul	Verified
E.K.5.3.1P	HS Circuit Breaker Supply	Verified
E.K.5.3.1V	HS Circuit Breaker Maintain	Verified
E.K.5.3.1W	HS Circuit Breaker Overhaul	Verified
E.K.5.3.2P	Air Blast Circuit Breaker Supply	Verified
E.K.5.3.2V	Air Blast Circuit Breaker Maintain	Verified
E.K.5.3.2W	Air Blast Circuit Breaker Overhaul	Verified
E.K.5.3.3P	Vacuum Circuit Breaker Supply	Verified
E.K.5.3.3V	Vacuum Circuit Breaker Maintain	Verified
E.K.5.3.3W	Vacuum Circuit Breaker Overhaul	Verified
E.K.5.4.1P	Main Transformer Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.5.4.1V	Main Transformer Maintain	Verified
E.K.5.4.1W	Main Transformer Overhaul	Verified
E.K.5.5.2P	Insulators/Bushing Supply	Verified
E.K.5.5.2V	Insulators/Bushing Maintain	Verified
E.K.5.5.2W	Insulators/Bushing Overhaul	Verified
E.K.5.5.4P	Power Supply Supply	Verified
E.K.5.5.4V	Power Supply Maintain	Verified
E.K.5.5.4W	Power Supply Overhaul	Verified
E.K.6.1.1P	Engine Mount Supply	Verified
E.K.6.1.1V	Engine Mount Maintain	Verified
E.K.6.1.2P	Cylinder Head Supply	Verified
E.K.6.1.2V	Cylinder Head Maintain	Verified
E.K.6.1.3P	Lube Oil Pump Supply	Verified
E.K.6.1.3V	Lube Oil Pump Maintain	Verified
E.K.6.2.1P	Exhaust Bellows Supply	Verified
E.K.6.2.1V	Exhaust Bellows Maintain	Verified
E.K.6.2.1W	Exhaust Bellows Overhaul	Verified
E.K.6.2.2P	Silencer Supply	Verified
E.K.6.2.2V	Silencer Maintain	Verified
E.K.6.2.2W	Silencer Overhaul	Verified
E.K.6.3.1P	Fuel Tank Supply	Verified
E.K.6.3.1V	Fuel Tank Maintain	Verified
E.K.6.3.1W	Fuel Tank Overhaul	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.6.3.2P	Fuel Lift Pump Supply	Verified
E.K.6.3.2V	Fuel Lift Pump Maintain	Verified
E.K.6.3.2W	Fuel Lift Pump Overhaul	Verified
E.K.6.3.3P	High Pressure Pump Supply	Verified
E.K.6.3.3V	High Pressure Pump Maintain	Verified
E.K.6.3.3W	High Pressure Pump Overhaul	Verified
E.K.6.3.4P	Governor Supply	Verified
E.K.6.3.4V	Governor Maintain	Verified
E.K.6.3.4W	Governor Overhaul	Verified
E.K.6.3.5P	Fuel Rack Supply	Verified
E.K.6.3.5V	Fuel Rack Maintain	Verified
E.K.6.3.5W	Fuel Rack Overhaul	Verified
E.K.6.3.6P	Electronic Control System Supply	Verified
E.K.6.3.6V	Electronic Control System Maintain	Verified
E.K.6.3.6W	Electronic Control System Overhaul	Verified
E.K.6.6.1P	Radiator Supply	Verified
E.K.6.6.1V	Radiator Maintain	Verified
E.K.6.6.1W	Radiator Overhaul	Verified
E.K.6.6.2P	Water Pump Supply	Verified
E.K.6.6.2V	Water Pump Maintain	Verified
E.K.6.6.2W	Water Pump Overhaul	Verified
E.K.6.6.3P	Radiator Fan Supply	Verified
E.K.6.6.3V	Radiator Fan Maintain	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.6.6.3W	Radiator Fan Overhaul	Verified
E.K.6.6.4P	Coolant Header Tank Supply	Verified
E.K.6.6.4V	Coolant Header Tank Maintain	Verified
E.K.6.6.4W	Coolant Header Tank Overhaul	Verified
E.K.6.7P	Traction Alternator / Generator Supply	Verified
E.K.6.7V	Traction Alternator / Generator Maintain	Verified
E.K.6.7W	Traction Alternator / Generator Overhaul	Verified
E.K.7.10.1.1P	Shaft Supply	Verified
E.K.7.10.1.1V	Shaft Maintain	Verified
E.K.7.10.1.1W	Shaft Overhaul	Verified
E.K.7.10.1.2P	Coupling Supply	Verified
E.K.7.10.1.2V	Coupling Maintain	Verified
E.K.7.10.1.2W	Coupling Overhaul	Verified
E.K.7.10.3P	Final Drive Supply	Verified
E.K.7.10.3V	Final Drive Maintain	Verified
E.K.7.10.3W	Final Drive Overhaul	Verified
E.K.7.10.4.1P	Gear Case Supply	Verified
E.K.7.10.4.1V	Gear Case Maintain	Verified
E.K.7.10.4.1W	Gear Case Overhaul	Verified
E.K.7.10.4.2P	Seals Supply	Verified
E.K.7.10.4.2V	Seals Maintain	Verified
E.K.7.10.4.2W	Seals Overhaul	Verified
E.K.7.11P	Hydraulic Traction Equipment Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.7.11V	Hydraulic Traction Equipment Maintain	Verified
E.K.7.11W	Hydraulic Traction Equipment Overhaul	Verified
E.K.7.1P	Traction and braking converters Supply	Verified
E.K.7.1W	Traction and braking converters Overhaul	Verified
E.K.7.4.1P	Contactors and Simple switchgear Supply	Verified
E.K.7.4.1V	Contactors and Simple switchgear Maintain	Verified
E.K.7.4.1W	Contactors and Simple switchgear Overhaul	Verified
E.K.7.4.2P	Cam Shafts and Tap Changer Supply	Verified
E.K.7.4.2V	Cam Shafts and Tap Changer Maintain	Verified
E.K.7.4.2W	Cam Shafts and Tap Changer Overhaul	Verified
E.K.7.5.1P	Traction and braking resistors Supply	Verified
E.K.7.5.1V	Traction and braking resistors Maintain	Verified
E.K.7.5.1W	Traction and braking resistors Overhaul	Verified
E.K.7.6.1P	Traction Battery Supply	Verified
E.K.7.6.1V	Traction Battery Maintain	Verified
E.K.7.6.1W	Traction Battery Overhaul	Verified
E.K.7.6.2P	Flywheel Supply	Verified
E.K.7.6.2V	Flywheel Maintain	Verified
E.K.7.6.2W	Flywheel Overhaul	Verified
E.K.7.7P	Transformer Supply	Verified
E.K.7.7V	Transformer Maintain	Verified
E.K.7.7W	Transformer Overhaul	Verified
E.K.7.9.4P	Carbon Brushes Supply	Verified



## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.7.9.4V	Carbon Brushes Maintain	Verified
E.K.7.9.4W	Carbon Brushes Overhaul	Verified
E.K.8.1.1M	Automatic (Train Protection) Warning System (AWS/TPWS) Manufacture	Verified
E.K.8.1.1P	Automatic (Train Protection) Warning System (AWS/TPWS) Supply	Verified
E.K.8.1.1V	Automatic (Train Protection) Warning System (AWS/TPWS) Maintain	Verified
E.K.8.1.1W	Automatic (Train Protection) Warning System (AWS/TPWS) Overhaul	Verified
E.K.8.1.2.1P	Position Sensor (Balise) Supply	Verified
E.K.8.1.2.1W	Position Sensor (Balise) Overhaul	Verified
E.K.8.1.2.2P	ERTMS Sensor Supply	Verified
E.K.8.1.2.2W	ERTMS Sensor Overhaul	Verified
E.K.8.1.2.3P	ERTMS HMI Supply	Verified
E.K.8.1.2.3W	ERTMS HMI Overhaul	Verified
E.K.8.1.3P	Automatic Train Operation (ATO) Supply	Verified
E.K.8.1.3W	Automatic Train Operation (ATO) Overhaul	Verified
E.K.8.1.4.1P	DSD/Vigilance System Supply	Verified
E.K.8.1.4.1W	DSD/Vigilance System Overhaul	Verified
E.K.8.1.5P	Power Generation Controls Supply	Verified
E.K.8.1.5W	Power Generation Controls Overhaul	Verified
E.K.8.1.6P	Power Supply Controls Supply	Verified
E.K.8.1.6W	Power Supply Controls Overhaul	Verified
E.K.8.2.4.6P	Controls for Power Storage System Supply	Verified
E.K.8.2.4.6W	Controls for Power Storage System Overhaul	Verified
E.K.9.1.2P	Auxiliary Alternator Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
E.K.9.1.2W	Auxiliary Alternator Overhaul	Verified
E.K.9.2.1P	Auxiliary Power Converter Supply	Verified
E.K.9.2.1W	Auxiliary Power Converter Overhaul	Verified
E.K.9.3.1P	Battery Supply	Verified
E.K.9.3.1W	Battery Overhaul	Verified
E.K.9.3.2P	Battery Charger Supply	Verified
E.K.9.3.2W	Battery Charger Overhaul	Verified
E.K.9.5.1P	Emergency power generators Supply	Verified
E.K.9.5.1V	Emergency power generators Maintain	Verified
E.K.9.5.1W	Emergency power generators Overhaul	Verified
E.K.9.6P	Auxiliary Power Distribution & Control Supply	Verified
E.K.9.6W	Auxiliary Power Distribution & Control Overhaul	Verified
F.C.1.10P	Materials & Parts (Insulators) Supply	Verified
F.C.1.1P	Main Steelwork Supply	Verified
F.C.1.2P	Small Part Steelwork Supply	Verified
F.C.1.4P	Support System Supply	Verified
F.C.1.5P	Wiring Supply	Verified
F.C.1.6P	Earthing & Bonding Supply	Verified
F.C.1.8P	Materials & Parts (Switchgear) Supply	Verified
F.C.1.9P	Materials & Parts (Catenaries Wire) Supply	Verified
F.C.3.2P	HV Cabling Supply	Verified
F.C.3.3P	Trackside Equipment Supply	Verified
F.C.5.1P	Materials & Parts (Cable) Supply	Verified

## RICCL Code Summary

<u>RICCL Code</u>	<u>Name</u>	<u>Status</u>
F.C.5.2P	Materials & Parts (Transformer Rectifiers) Supply	Verified
F.C.5.3P	Materials & Parts (Ancillary Electrification Related) Supply	Verified
H.E.10N	Asset Tracking System Service	Verified
H.E.11.1P	Traction SCADA Supply	Verified
H.E.11.2P	Non-Traction SCADA Supply	Verified
H.G.3.8N	Scrap Clearance Service	Verified
H.H.16P	Medical & First Aid Equipment Supply	Verified
H.H.17P	PPE (Including Footwear) Supply	Verified
H.J.6P	Fire Safety, Detection & Alarm Systems Supply	Verified
H.K.10.6N	Engineering R&D Service	Verified
H.K.13N	Value Management Service	Verified
H.K.2N	Management Consultancy Service	Verified
H.K.3.2N	Pre Contract Commercial Management Service	Verified
H.K.3.3N	Post Contract Commercial Management Service	Verified
H.K.4.12N	Stocktaking/Asset Verification & Management Service	Verified
H.K.5.11.17N	Six Sigma Service	Verified
H.K.5.11.19N	Strategic Change & Analysis Service	Verified
H.K.5.11.6N	Project Management Service	Verified
H.K.8.1N	Clerk of Works Service	Verified
H.K.8.3N	Project Planning Service	Verified
H.M.6.1P	Chemicals, Coatings & Lubricants Supply	Verified
H.M.7P	Hardware (Including Signs, Locks & Lamps) Supply	Verified