

Ref:	NR/L2/ELP/27009/MOD C43
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	1 of 2

OVERHEAD LINE CAMPAIGN CHANGES – DATA SHEET	
43	REPLACEMENT OF 'CAD WELD' TRACTION BOND RAIL CONNECTIONS
COMPONENT	'CAD WELD' thermit welded rail bonding studs.
PROBLEM	<p>The quality of this type of bond connection is heavily reliant on good cleaning of the rail. Poor connections can lead to detached bonds and risk of signalling failures.</p> 

Reference Information	
Ellipse standard job number	13043
Ellipse standard job description	Replace CAD Welded bond connections
Category	Bond
Priority	Yes (for current carrying bonds on Cat 1 lines and DEP locations)
Types of OLE affected	All
Original equipment dates	After 1949

Ref:	NR/L2/ELP/27009/MOD C43
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	2 of 2

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43	REPLACEMENT OF 'CAD WELD' TRACTION BOND RAIL CONNECTIONS
ACTION REQUIRED	<p>Replace these rail connections with an approved drilled & bolted connection system, such as Cembre or Glenair / Dubuis. See OLEMI drawing 1/121/056.</p> <p>Use Cembre connections for safety critical connections such as red bonds and bonds at DEP locations.</p>
	