

Competence 4

The ability to undertake all routine preventative maintenance activities that are required to be carried out on Tooling electrical systems

This meets the requirements of IMCA R/R13/000/05

Candidate Name:		Date:	
Activity Number (1,2, or 3):			

Performance Criteria: all of these must be assessed over a minimum of 3 work activities

Type of Evidence: Observation (O), Work Product (P), Written (W), Questioning (Q), Not Covered (N/C) or Not Applicable (N/A)

Performance Criteria		Type of Evidence
a)	Can locate and use all system electrical drawings prior to carrying out maintenance activities	
b)	Can identify all components on the tooling system	
c)	Plans maintenance activities in a safe manner and obtains all necessary authorisations	
d)	Carries out maintenance activities in accordance with appropriate time scales	
e)	Demonstrates the ability to isolate systems prior to carrying out electrical maintenance activities	
f)	Can locate, inspect, test and calibrate appropriate test equipment for electrical maintenance activities	
g)	Can inspect and test all electrical cabling on tooling systems	
h)	Can repair electrical cables in line with company procedures	
i)	Can clean electrical connectors in accordance with company procedures	
j)	Performs continuity and insulation checks in a safe manner using appropriate testing methods	
k)	Can remove and inspect electronic circuit boards paying particular attention to the different types of connectors used	
l)	Performs routine tests on tooling systems using built-in diagnostic systems	
m)	Can inspect and test electrical components such as fuses, relays, contactors etc	
n)	Ensures that any problems in implementing maintenance are dealt with effectively	
o)	Complete documentation after maintenance activities including reordering spares and updating inventories	
p)	Tests the system after maintenance activities, paying particular attention to safety requirements	
q)	Adheres to Health and safety legislation to at all times	

Witness name: (If applicable in assessment plan)		Date:	
Assessor name:		Date:	