Test Project

Module B1,2

Industrial Mechanics

Submitted by:

Simon Heathcote, Humber College, Independent Test Project Designer
Shannon Savoy, New Brunswick Community College, Independent Test Project Validator

WSC2026_TP01_en

Introduction

On production line 007 of IM INC, a new machine support must be fabricated and welded.

Instructions to the Competitor

READ THE ENTIRE DOCUMENT BEFORE PROCEDING.

ALL PROPER SAFETY PROCEDURES MUST BE DEMONSTRATED AS YOU WOULD ON THE JOB SITE. YOU ARE BEING OBSERVED AT ALL TIMES.

IF YOU HAVE TO BE ADVISED OF SAFETY INFRACTIONS DURING THIS MODULE, 0.5 MARKS WILL BE DEDUCTED FOR EACH INFRACTION.

Experts will not intervene unless there is a safety concern.

On the 3rd infraction, the Competitor will be stopped, evaluation will be based on the work already completed.

REMEMBER:

Experts MUST sign off at designated module points in the documentation. If a sign off point is missed all marks for that section of the project will be deducted from the overall project total.

Instructions to the Competitor

1: Fabrication and Welding: (3 hours)

Fabricate, assemble, and weld the following detail's 201 to 207 as per blueprint.

Note: The welded details must be presented to the Expert for evaluation immediately following the 3-hour module. Failure to do so will result in a ZERO mark. Expert Initials':_____

2: Precision Layout: (1 hour)

Layout and prepare detail # 301 as per blueprint.

Note: When detail # 301 is completed it must be presented to the Expert for evaluation immediately. Failure to do so will result in a ZERO mark.

Expert Initials:_____

© WorldSkills International