

071606T4ABT

AUTOBODY TECHNOLOGY LEVEL 6

ENG/OS/ABT/CR/01/6/A

Design Vehicle Body

Mar/Apr 2025



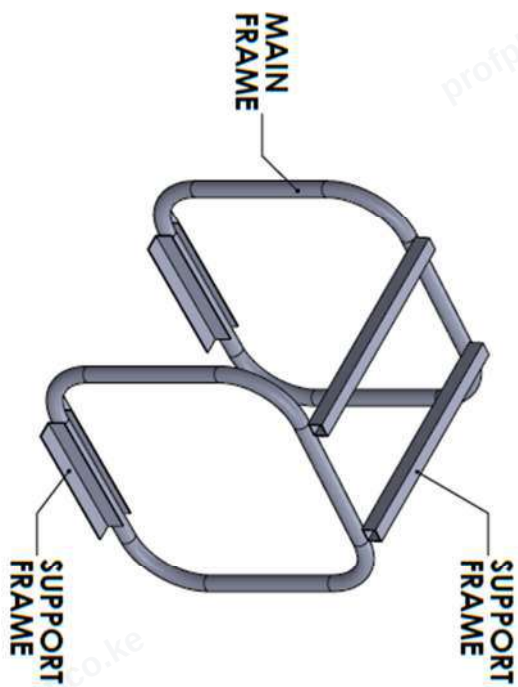
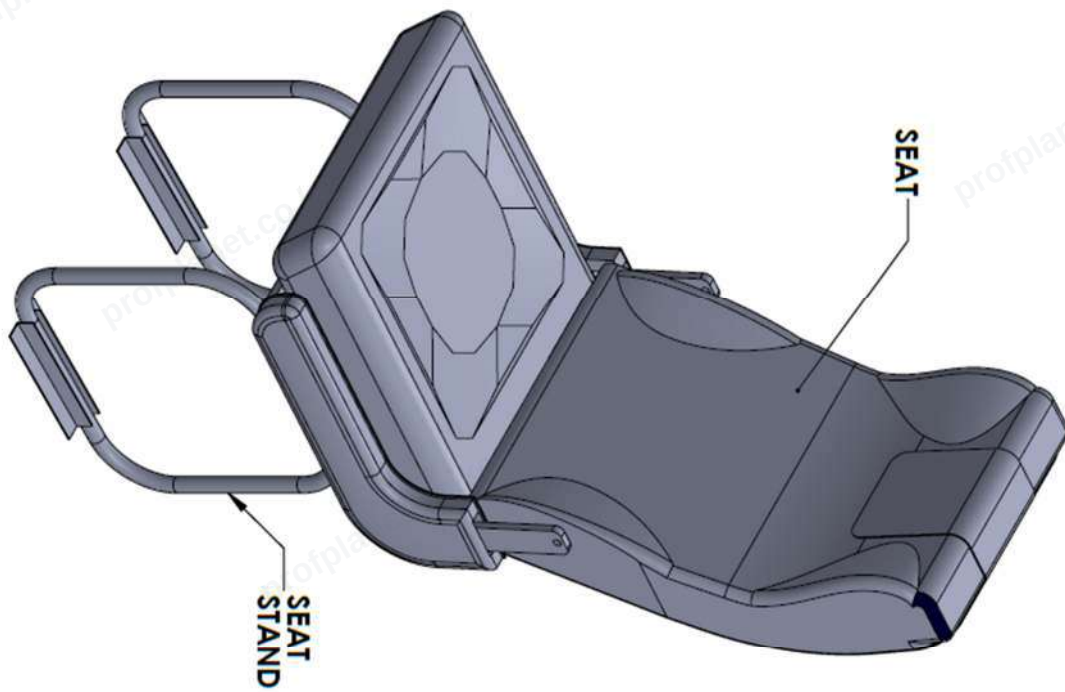
**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACT MENT

Time: 4 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks using the KS 372:2019 standard provided:
 - i. Complete the job specification sheet for the bus seat stand.
 - ii. Create preliminary sketches showing all views and dimensions.
 - iii. Produce a working drawing in AutoCAD.
 - iv. Create a 3D model using AutoCAD 3D tools.
 - v. Document your completed designs.
2. You have been provided with the following resources for the practical tasks:
 - A copy of KS 372:2019 standard.
 - Computer with AutoCAD software.
 - A4 printing paper.
 - A4 printer.



BUS SEAT FRAME - JOB SPECIFICATION SHEET**DIMENSIONS**

Component	Specification	Standard Reference
Overall width		KS 372:2019 5.10.1
Seat depth		KS 372:2019 5.10.2
Front height		
Rear height		
Incline		

MATERIAL

Component	Material Type	Size/Thickness
Main frame		
Support tubes		
Support tubes		
Joints		

FINISH

Aspect	Specification
Surface treatment	
Welding type	
Edge treatment	