

HUMAN FACTORS IN MAINTENANCE		
COSCAP-SA Reference	Course	34.0
Scope of training	Training of AIR inspectors to provide them with the skills and knowledge required in the area of Human Factors in Maintenance	
Objectives of the course	<p>By the end of the course the delegates will:</p> <ul style="list-style-type: none"> • Understand the induction process of human errors and their consequences within the aircraft or component maintenance organisation • Understand the factors that allow a diminution of these causes • Be able discuss the approach recommended in the OSAC leaflet P 54-46 • Understand how to improve the safety of personnel and products maintained • Be able to develop training content compliant to the EASA syllabus included in GM 1 145.A.30(e) • Gain an understanding of how to draw up procedures which take into account human factors potential incident and to be conversant with Maintenance Safety System 	
Course duration	4 days	
Recommended participant profile	Civil Aviation Authorities AIR inspectors who have oversight of Part 145 maintenance organisation staff (quality managers, technical managers, engineers, operators, safety officers, certifying staff, etc.) as part of their role.	
Key topics	<ul style="list-style-type: none"> • General/Introduction to human factors • Safety Culture/Organisational factors • Human Error • Human performance & limitations • Environment • Procedures, information, tools and practices • Communication • Teamwork • Professionalism and integrity • Organisation's HF program 	
Method of delivery	<ul style="list-style-type: none"> • PowerPoint presentation • Video playback and comments • Practical exercises 	
Maximum participants	8	
Logistical requirements requested from host state	Classroom equipped with Video/Audio projector and whiteboard	