MODULE 9 - SYLLABUS

MODULE 9A. HUMAN FACTORS Note: This module does not apply to category B3. Relevant subject matters for category		LEVEL	
B3 are defined in module 9B.	Α	B1	B2
9.1 General	1	2	2
The need to take human factors into account; Incidents			
attributable to human factors/human error; 'Murphy's'			
aw.			
9.2 Human Performance and Limitations	1	2	2
Vision;			
Hearing;			
nformation processing;			
Attention and perception; Memory;			
Claustrophobia and physical access.			
ndividual and group; Motivation and	A +	Ľ	R
ndividual and group; Motivation and de-motivation;			
de-motivation; E QUES TUN P () +917559369412	B		
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MODULE 9A. HUMAN FACTORS		LEVEL	
<i>Note:</i> This module does not apply to category B3. Relevant subject matters for category B3 are defined in module 9B.	Α	B1	B2
Peer pressure;			
'Culture' issues;			
Team working;			
Management, supervision and leadership			
9.4 Factors Affecting Performance	2	2	2
Fitness/health;		_	· \/
Stress: domestic and work related;	1		
Time pressure and deadlines;	\sim		
Workload: overload and underload;			
Sleep and fatigue, shiftwork;			
Alcohol, medication, drug abuse.			
9.5 Physical Environment	1	1	1
Noise and fumes;			
Illumination;			
Climate and temperature;			
Motion and vibration;			
Working environment.			
9.6 Tasks	1	1	1
Physical work;			
Repetitive tasks;			
Visual inspection;	×		
Complex systems.			
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9.7 Communication	2	2	2
Within and between teams;	<u> </u>		
Work logging and recording;	8.		
Keeping up to date, currency;	S		
Dissemination of information.			
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9.8 Human Error	1	2	2
Error models and theories;			
Types of error in maintenance tasks;			
Implications of errors (i.e accidents)			
Avoiding and managing errors.		-	\mathcal{S}
9.9 Hazards in the Workplace	1	2	2
Recognising and avoiding hazards;			
Dealing with emergencies.			

MODULE 9B. HUMAN FACTORS	LEVEL
<i>Note:</i> The scope of this module shall reflect the less demanding environment of maintenance for B3 licence holders.	В3
9.1 General	2
The need to take human factors into account;	
Incidents attributable to human factors/human error;	
'Murphy's' law.	
9.2 Human Performance and Limitations	2
Vision;	A 14
Hearing;	
Information processing;	
Attention and perception;	
Memory;	
Claustrophobia and physical access.	
9.3 Social Psychology	1
Responsibility: individual and group;	
Motivation and de-motivation;	
Peer pressure;	
'Culture' issues;	
Team working;	
Management, supervision and leadership	
wanagement, supervision and leadership	
9.4 Factors Affecting Performance	2
Fitness/health;	
Stress: domestic and work related;	
Time pressure and deadlines;	
Workload: overload and underload;	IDED
Sleep and fatigue, shiftwork;	
Alcohol, medication, drug abuse.	
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9.5 Physical Environment	C.) 1
Noise and fumes;	S. C.
Illumination; Climate and temperature;	PER IN
	A. 47 - 4 14
Motion and vibration;	
Working environment.	
	\mathbf{X}
9.6 Tasks	1
Physical work;	
Repetitive tasks;	
Visual inspection;	
Complex systems.	
9.7 Communication	2
	۷.
Within and between teams; Work logging and recording;	

Preping up to date, currency; Dissemination information. B Human Error ror models and theories; pes of error in maintenance tasks; uplications of errors (i.e accidents) roiding and managing errors.	B3 2 2
information. 8 Human Error ror models and theories; pes of error in maintenance tasks; uplications of errors (i.e accidents) roiding and managing errors. 9 Hazards in the Workplace ecognising and avoiding hazards;	2
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ealing with emergencies.	
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