

MODUL PENINGKATAN KEMAHIRAN PENGAJAR

Trade :Quality Assurance Technology

NOSS Code : H-301-1

NOSS : Juruteknik Rendah Jaminan Kualiti

Level : 1

Duration :63 Days

No	Module Code	Module	NOSS Code (Duty/Task)	Terminal Performance Objektif	Fees (RM) / Day		Capacity	Duration (Day)	Date
					HRDB	Individual			
1	M10-01-01	Workshop Safety	H-301-1 (01.01), (01.02)	Apply industrial safety and good housekeeping using standard safety practices and equipment and 5s technique so that: 1. Safety consciousness and perseverance be carried out continuously 2. Work place is save an in good conditionally manner	160	80	10	3	09/02/2009-11/02/2009
2	M10-01-02	Technical Drawing	H-301-1 (02.01), (02.02), (02.03), (02.04), (02.05)	Perform basic engineering drawing using basic principle engineering drawing so that: 1. The shape for profile and size can be produce. 2. Product can be clearly visualized for intended use according to standard requirement.	160	80	10	10	16/03/2009-27/03/2009
3	M10-01-03	Metrology 1	H-301-1 (03.01), (03.02), (03.03), (03.04)	Perform basic metrology and calibration activities using various types of measuring tools, equipment and techniques so that the measurement of product can be obtained as persespication.	160	80	10	8	01/04/2009-10/04/2009
4	M10-01-04	Calibration 1	H-301-1 (04.01), (04.02), (04.03), (04.04), (04.05)	Perform basic calibration activities using various types of measuring tools, equipment and techniques so that the measurement tools accuracy meet the standard requirement.	160	80	10	8	20/04/2009-29/04/2009
5	M10-01-05	Materials Properties 1	H-301-1 (05.01), (05.02)	Determine material properties, characteristics and processes using material specification properties so that the material and product fulfill the job requirement.	160	80	10	8	13/05/2009-22/05/2009
6	M10-01-06	Basic Benchwork	H-301-1 (06.01), (06.02)	Perform basic manufacturing processes using various types of marking tools and drilling machines, tools and equipment so that the work piece is in accordance to the dimensional accuracy and tolerance as per specification.	160	80	10	8	15/06/2009-24/06/2009
7	M10-01-07	Basic Fabrication	H-301-1 (06.03)	Perform basic fabrication processes using various types of joining and drilling machines, tools and equipment so that the work piece is in accordance to the dimensional accuracy and tolerance as per specification.	160	80	10	8	01/07/2009-10/07/2009
8	M10-01-08	Product Inspection 1	H-301-1 (07.01)	Perform basic product inspection using measuring, gauging and reference standard so that the inspection can achieve the standard requirement.	160	80	10	10	03/08/2009-14/08/2009

MODUL PENINGKATAN KEMAHIRAN PENGAJAR

Trade :Quality Assurance Technology
 NOSS Code :H-301-2
 NOSS : Juruteknik Jaminan Kualiti
 Level : 2
 Duration :65 Days

No	Module Code	Module	NOSS Code (Duty/Task)	Terminal Performance Objektif	Fees (RM) Person / Day		Capacity	Duration (Day)	Date
					HRDB	Individual			
1	M10-02-01	Intro To Cad Drawing	H-301-2 (02.06), (02.07)	Perform Computer Added Design drawing using the instruction of CAD system so that 2D and 3D drawing are constructed and printed out according to standard sizes for intended use.	160	80	10	8	16/02/2009-25/02/2009
2	M10-02-02	Metrology 2	H-301-2 (03.05), (03.06), (03.07)	Perform metrology activities using non-contact measuring machine, 2D measuring instrument and various types of pneumatic gauges so that: 1. The actual profile and measurement of component can be determined as per speciation. 2. Measuring tools accuracy me	160	80	10	5	17/08/2009-21/08/2009
3	M10-02-03	Calibration 2	H-301-2 (04.06), (04.07)	Perform calibration activities using non-contact measuring machine, 2D measuring instrument and various types of pneumatic gauges so that: 1. The actual profile and measurement of component can be determined as per speciation. 2. Measuring tools accuracy	160	80	10	5	05/10/2009-09/10/2009
4	M10-02-04	Manufacturing Processes	H-301-2 (06.04)	Conduct basic machining using lathe, milling and grinding machines so that the work piece is machined to the dimensional and tolerance as per specification.	160	80	10	10	12/10/2009-23/10/2009
5	M10-02-05	Product Inspection 2	H-301-2 (07.03), (07.04)	Perform product inspection using samples, analysis chart and various method of analysis so that: 1. Product defect can be identified . 2. Recommendation of action can be determined according to the standard requirement.	160	80	10	8	26/10/2009-06/11/2009
6	M10-02-06	Materials Properties 2	H-301-2 (05.03)	Conduct basic heat treatment processes using basic heat treatment facilities so that it complies to the job specification.	160	80	10	8	16/11/2009-25/11/2009
7	M10-02-07	Principles Of Electrical And Electronic	H-301-2 (09.01), (09.02), (09.03), (09.04)	Implement electrical and electronic principles using electrical and electronic component and electronic measuring and testing equipment so that: 1. Printed circuit board processing is ready as per specification. 2. Basic instrumentation complies to the jo	160	80	10	3	01/04/2009-03/04/2009
8	M10-02-08	Total Quality Management	H-301-2 (11.01), (11.02), (11.03)	Practice total quality management using quality fundamental, problem solving technique, and statistical tools so that the activities carried out in order improve the quality requirement and standard.	160	80	10	8	25/05/2009-03/06/2009
9	M10-02-09	Testing and Inspection 1	H-301-2 (08.01), (08.02), (08.03), (08.04)	Conduct calibration on machine tools, electronic measuring tools, and 3 dimensional measuring tools using suitable calibration equipment and reference standard so that the performance and accuracy of the machine tools can be maintained.	160	80	10	10	30/11/2009-11/12/2009

MODUL PENINGKATAN KEMAHIRAN PENGAJAR

Trade : Quality Assurance Technology
 NOSS Code : H-301-3
 NOSS : Juruteknik Jaminan Kualiti
 Level : 3
 Duration : 50

No.	Module Code	Module	NOSS Code (Duty/Task)	Terminal Performance Objektif	Fees (RM)		Capacity	Duration (Day)	Date
					HRDB	Individual			
1	M10-03-01	OCCUPATIONAL SAFETY AND HEALTH 1	H-301-3 (01.03)	Enforce industrial safety using standard safety practice, safety health, and environment (SHE) standard and company guidelines so that: 1. Workers are aware of SHE practices and improve the betterment of workplace. 2. Industrial accident can be prevented.	160	80	10	3	11/03/2009-13/03/2009
2	M10-03-02	ADVANCED METROLOGY	H-301-3 (03.08), (03.09)	Conduct multi-gauging inspection and three-dimensional measurement using: 1. Fixtures, electronic probe and dial gauges 2. CMM coordinate measuring machine so that: The dimension of the component can be determined as per-specification.	160	80	10	5	02/03/2009-06/03/2009
3	M10-03-03	ADVANCE CALIBRATION	H-301-3 (04.08), (04.09), (04.10)	Conduct calibration on machine tools, electronic measuring tools, and 3 dimensional measuring tools using suitable calibration equipment and reference standard so that the performance and accuracy of the machine tools can be maintained.	160	80	10	14	06/04/2009-23/04/2009
4	M10-03-04	TESTING AND INSPECTION 2	H-301-3 (07.05), (07.06), (08.05), (08.06)	Perform product inspection using various available information and NDT, electric and electronics testing procedure so that: 1. Action plan can be perform to carry-out the activities. 2. Testing activities complies to standard requirement.	160	80	10	6	04/05/2009-11/05/2009
5	M10-03-05	ENGINEERING DESIGN	H-301-3 (01.07)	Design fundamental jigs and fixtures by using standard charts, product specification and CAD system so that the design is identified, drafted and documented according to standard requirement and intended use.	160	80	10	2	08/06/2009-09/06/2009
6	M10-04-01	INDUSTRIAL MANAGEMENT	H-301-3 (11.04), (12.01), (12.02), (12.03)	Perform industrial management using production & planning control (PPC), process & time study and supervisory procedures and techniques so that various production activities is in line with organizational objective.	160	80	10	5	06/07/2009-10/07/2009
7	M10-04-02	COMMUNICATION	H-301-3 (13.01), (13.02), (13.03), (13.04), (13.05)	Develop communication abilities using writing, intra-personal, inter-personal, and small group communication techniques so that accurate message and desired information can be transmitted.	160	80	10	4	13/07/2009-16/07/2009
8	M10-04-03	BASIC CNC PROGRAMMING	H-301-3 (06.05)	Apply basic CNC programming by writing block sequence using standard program format so that the machine is programmed to cut the work pieces to the dimensional accuracy as per specification.	160	80	10	5	20/07/2009-24/07/2009
9	M10-04-04	CONTROL SYSTEM ENGINEERING	H-301-3 (10.01), (10.02), (10.03)	Apply basic pneumatic & hydraulic, and relay control system using training kits and standard operation manual so that, the system operation and function can be applied as per job requirement.	160	80	10	4	27/07/2009-30/07/2009
10	M10-04-05	QUALITY IMPROVEMENT PROJECT	H-301-3 (14.01), (14.02)	Perform quality improvement project using project search literature and documented proposal so that, the project can be identified and approved.	160	80	10	2	24/08/2009-22/08/2009

MODUL PENINGKATAN KEMAHIRAN PENGAJAR

Trade :Quality Assurance Technology
 NOSS Code :H-301-4
 NOSS : Juruteknik Jaminan Kualiti
 Level : 4
 Duration : 47 Days

No	Module Code	Module	NOSS Code (Duty/Task)	Terminal Performance Objektif	Fees (RM)		Capacity	Duration (Day)	Date
					Person / Day	HRDB Individual			
1	M10-05-01	OCCUPATIONAL SAFETY & HEALTH 2	H-301-4 (01.03), (01.04), (01.05), (01.06)	Comply to Industrial Safety, Health & Environmental parameter using Safety, Health & Environmental (SHE) standard so that i) Parameter are continuously adhered to improved for the betterment of the workplace ii) Accidents & Hazard can be prevented	160	80	10	3	28/09/2009-30/09/2009
2	M10-05-02	MEASURING AND TESTING MANAGEMENT	H-301-4 (09.01), (10.04)	Manage Inspection and testing activities using MSA, Control plan, Inspection and testing procedure so that measurement control system can be organize.	160	80	10	10	05/10/2009-16/10/2009
3	M10-05-03	QUALITY SYSTEM MANAGEMENT	H-301-4 (05.01), (05.02), (04.01), (04.02), (04.03), (04.04), (04.05)	Set up quality system document and data using: i. Information Communication Technology (ICT) ii. Quality management system documentation. so that the quality system data can be stored, retrieved, manage and implemented effectively.	160	80	10	10	19/10/2009-30/10/2009
4	M10-05-04	QUALITY PROCEDURES AND STANDARD	H-301-4 (02.01), (13.01), (08.01), (08.02)	Educate personnel on quality standard procedures using Training Needs Analysis, Training Material and Aids so that meets company training needs and objectives.	160	80	10	10	02/11/2009-13/11/2009
5	M10-05-05	CUSTOMER SERVICE MANAGEMENT	H-301-4 (07.01), (07.02), (07.03)	Provide Customer Satisfaction Services using Customer Complaint Handling Procedure. Process Evaluation plan, method, procedures and analytical methodology so that customer satisfaction can be fulfilled	160	80	10	9	16/11/2009-26/11/2009
6	M10-05-06	QUALITY PLANNING	H-301-4 (06.01), (06.02), (11.01)	Organize and audit quality planning using information on product, 4M resources, process capability studies, process evaluation plan, methods, procedures and analytical methodologies so that the process complies to the established Process Control Plan.	160	80	10	5	30/11/2009-10/12/2009