

HURAIAN PINDAAN DOKUMEN ISO UPM

BAHAGIAN A: Huraian Pindaan Dokumen ISO

(Diisi oleh Pemohon/Pemilik Proses dan sila abaikan ruangan No. CPD kerana akan dilengkapkan oleh TPKD PP)

No. CPD	Pemilik Proses	Pernyataan Pindaan/Baharu		Tambah (T)/ Pemetongan (P)
		Asal	Baharu	
EMS (PPUU): 01/2016	Pejabat Penasihat Undang-undang	<p>POISONS ACT 1952 [ACT 366]</p> <p>Control of manufacture of preparations containing poison Section 11 The University shall not manufacture any poison unless in compliance with the regulation made under the Act.</p> <p>Group B Poisons Section 21 (1) (b) Group B Poison shall not be sold or supplied by retail to any person except by a registered medical practitioner, registered dentist Division I or veterinary officer and a licensed pharmacist</p> <p>Group C Poisons Section 22 Group C Poison shall not be sold or supplied by retail except if the sale or supply of the poison would have been authorised under Group B poison or is dispense medicine</p> <p>Group D Poisons Section 23 Group D Poison shall not be sold or supplied by retail except if the sale or supply of the poison would have been authorised under Group C poisons. Selling of Group D Poisons must be entered into a Poisons Book.</p>	<p>POISONS ACT 1952 [ACT 366]</p> <p>-</p>	P

No. CPD	Pemilik Proses	Pernyataan Pindaan/Baharu		Tambah (T)/ Pemotongan (P)
		Asal	Baharu	
		<p>POISONS REGULATIONS, 1952 Labelling of dispensed medicines Regulation 12</p> <p>1. A dispense medicines shall be liable in a conspicuous and distinct manner, with :-</p> <p>Supply of poison to out-patients in hospitals to be only on prescription and to be recorded and containers to be labelled</p> <p>All poisons stored in institutions to be stored in the dispensary or in charge of a responsible person and stored in cupboards. Regulation 25</p> <p>2. In any institution to which paragraph(1) of this Regulation does not apply all poisons, other than those issued for use within the institution, shall be stored-</p> <p>i. in charge of a person appointed for the purpose by the governing body or person in control of the institution ; and</p> <p>ii. in the case of poisons other than those contained in mixtures with a dose of at least two hundred and forty minims, in a cupboard reserved solely for the storage of poisons</p>	<p>POISONS REGULATIONS, 1952 Labelling of dispensed medicines Regulation 12</p> <p>1. A dispense medicines shall be labelled in a conspicuous and distinct manner, with :-</p> <p>Supply of poison to out-patients <u>of any</u> hospitals <u>or animal treated outside the premise</u> to be only on prescription and to be recorded and containers to be labelled</p> <p>All poisons stored in institutions to be stored in the dispensary or in charge of a responsible person and stored in cupboards. Regulation 25</p> <p>-</p>	P & T
		<p>OCCUPATIONAL SAFETY & HEALTH (CLASSIFICATION, PACKAGING, LABELLING OF HAZARDOUS OF CHEMICALS) REGULATIONS 1997</p> <p>Duty of supplier to classify Regulation 4 The University shall ensure that supplier observed Regulation 4 to classify hazardous chemicals according to the risk and categories of hazards in Schedule 1.</p> <p>Packaging requirement Regulation 5 The University shall ensure that supplier observed Regulation 5 to</p>	-	P

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		<p>supply hazardous chemicals in packaging with the following requirements:</p> <p>a) if the packaging is a container, the container shall be so designed and constructed that its contents cannot escape unless there is a requirement for safety devices to be fitted into the container;</p> <p>b) the materials constituting the packaging and the fastenings are not susceptible to adverse attack by the contents therein or liable to form harmful or dangerous compounds with the contents;</p> <p>c) the packaging and fastenings are strong and solid throughout to ensure that they will not come loose and will safely meet the normal stress and strain of handling; and</p> <p>d) containers fitted with replaceable fastening devices are so designed that the packaging can be repeatedly fastened without the contents escaping.</p> <p>Seal of package Regulation 6 The University must ensure the supplier observed Regulation 6 to seal the packages which if open, the seals are broken and could not be repaired.</p> <p>Labelling Regulation 7 (1) & (2) The University must ensure the supplier labelled the packaging clearly with the following information:</p> <p>a) the name of the hazardous chemical in accordance with the internationally recognised nomenclature;</p> <p>b) the name, address and telephone number of the supplier;</p> <p>c) the danger symbol and indication of danger as specified in Schedule II;</p> <p>d) the nature of the special risk associated with the use of the</p>	-	

No. CPD	Pemilik Proses	Pernyataan Pindaan/Baharu		Tambahan (T)/ Pemotongan (P)
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		<p>chemical as specified in Schedule III; and e) the safety precautionary measures as specified in Schedule IV.</p> <p>If the labelling involve more than one symbol:- a) the requirement to indicate the symbol for very toxic or toxic makes the symbols for harmful and corrosive optional; b) the requirement to indicate the symbol for corrosive makes the symbol for harmful optional; c) the requirement to indicate the symbol for explosive makes the symbols for flammable and oxidising optional; and d) the requirement to indicate the symbol for oxidising makes the symbol for flammable optional.</p> <p>Dimension of label. Regulation 8. Duty of supplier to furnish Chemical Safety Data Sheet</p> <p>Regulation 9 (1) — (3) The university shall ensure the supplier duty to furnish up-to-date chemical safety data sheet which shall contain the following information:-</p> <p>a) the chemical product itself including the trade or common name of the chemical and the company identification with the details of the supplier; b) the composition of the ingredients that clearly identifies the hazardous chemical for the purpose of conducting a hazard evaluation; c) the hazard identification; d) the first aid measures; e) the fire fighting measures; f) the accidental release measures; g) the handling and storage; h) the exposure controls and personal protection (including the possible methods of monitoring workplace exposure); i) the physical and chemical properties; j) the stability and reactivity;</p>	-	

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		<p><u>k) the toxicological information (including the potential routes of entry into the body and the possibility of synergism with other chemicals or hazards encountered at work);</u> <u>l) the ecological information;</u> <u>m) the disposal information;</u> <u>n) the transport information; and</u> <u>o) the date of preparation of the Chemical Safety Data Sheet.</u></p> <p><u>Confidential information on chemical.</u> <u>Regulation 10</u> <u>If the name of the chemical and the ingredient thereof constitute to a confidential information, the information may be omitted from the data sheet but shall be disclosed by the supplier to:</u> a) <u>an occupational health doctor, or</u> b) <u>any person who uses or handles the chemical</u></p> <p><u>SCHEDULE I</u></p> <p><u>Part A:</u> <u>Provide classification based on physicochemical properties</u></p> p> a) <u>Explosive</u> <u>chemicals and preparations which may explode under the effect of flame which are more sensitive to shocks or friction than dinitrobenzen</u> b) <u>Oxising</u> <u>chemicals and preparations which give rise to highly exothermic reaction when contact with other chemicals, particularly flammable chemicals</u> c) <u>Extremely Flammable</u> <u>liquid chemicals and preparations having a flash point lower than 0 degree Celsius and a boiling point lower than or equal to 35 degree Celsius</u>	-	

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		Asal	Baharu	
		<p>d) — Highly flammable</p> <p>i. chemicals and preparations which may become hot and finally catch fire when in contact with air at ambient temperature without any application of energy;</p> <p>ii. solid substances and preparations which may readily catch fire after brief contact with a source of ignition and and which continue to burn or be consumed after removal of the source of ignition;</p> <p>iii. liquid substances and preparations having a flash point below 21 degrees Celsius;</p> <p>iv. gaseous substances and preparations which are flammable in air at normal pressure; or</p> <p>v. substances and preparations which, when in contact with water or damp air, evolve highly flammable gases in dangerous quantities</p> <p>e) — Flammable</p> <p>liquid substances and preparations having a flash point equal to or greater than 21 degrees Celsius and less than or equal to 55 degrees Celsius.</p> <p>Part B: Provide classification based on based on health effect</p> <p>a) — Very toxic</p> <p>i. — substances and preparations which if inhaled or ingested or penetrated into the skin may involve extremely serious, acute or chronic health risks or even death; or</p> <p>b) — Toxic</p> <p>i. — substances and preparations which if inhaled or ingested or penetrated into the skin may involve serious, acute or chronic health risks or even death;</p> <p>ii. — substances and preparations for which the LD 50 absorbed orally in rat is between 25 to 200 mg/ kg or the LD 50 percutaneous absorption in rat or rabbit is</p>	-	

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		<p>between 50 to 400 mg/kg or the LC-50 absorbed by inhalation in rat is between 0.5 to 2 mg/litre (administered for a minimum period of four hours); or</p> <p>c) — Harmful—</p> <p>i. — substances and preparations which if inhaled or ingested or penetrated into the skin may involve limited health risks; or</p> <p>ii. — substances and preparations for which the LD-50 absorbed orally in rat is between 200 to 500 mg/kg or the LD-50 percutaneous absorption in rat or rabbit is between 400 to 2000 mg/kg or the LC-50 absorbed by inhalation in rat is between 2 to 20 mg/litre (administered for a minimum period of four hours)</p> <p>d) — Corrosive— substances and preparations which may, on contact with living tissues, destroy them.</p> <p>e) — Irritant— non-corrosive substances and preparations which, through immediate, prolonged or repeated contact with the skin or mucous membrane, can cause inflammation</p> <p>THIRD SCHEDULE Risk phrases which indicate special risk are listed in Schedule III.</p> <p>FOURTH SCHEDULE Risk of safety phrases which indicate safety precautions are as listed in Schedule IV</p>	-	

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		Asal	Baharu	
		TIADA	<p>OCCUPATIONAL SAFETY & HEALTH ACT 1994 (USE AND STANDARDS OF EXPOSURE OF CHEMICAL HAZARDOUS TO HEALTH REGULATION 2000</p> <p><u>Review Assessment Regulation 10</u></p> <p><u>The University shall carry out review of assessment if:</u> <u>a) there has been a significant change in the work to which the assessment relates;</u> <u>b) more than five years have elapsed since the last assessment; or</u> <u>c) directed by the Director General, Deputy Director General or the Director of Occupational Safety and Health.</u></p> <p><u>Action to Control Exposure Regulation 14</u></p> <p><u>(1) Within one month after receiving the assessment report from the assessor, the university shall take necessary action to eliminate or reduce the actual or potential exposure of employee to chemical hazardous to health.</u> <u>(2) The university shall ensure that all action taken under regulation 14(1) reduce the exposure level of employee to chemical hazardous to health to the lowest practicable level, or for those chemicals to which have been assigned with permissible exposure limits, to below the limits.</u></p>	T
		<p>PESTICIDES ACT 1974 [ACT 149]</p> <p>Application for registration of pesticides Section 7(1) Application for registration of pesticides if University desire to import or manufacture a pesticide.</p>	<p>PESTICIDES ACT 1974 [ACT 149]</p> <p>-</p>	P

No. CPD	Pemilik Proses	Pernyataan Pindaan/Baharu		Tambahan (T)/ Pemotongan (P)
		Asal	Baharu	
		<p>Application for registration of pesticides Section 7(2) (a) – (k) Requirements to be attached for the application of registration of pesticides</p> <p>Application for registration of pesticides Section 7(5) Payment of fees for the application of registration of pesticides</p> <p>Prohibition as to importation and manufacture, and penalty Section 13 Prohibition to import and manufacture:- (1) (a) misbranded pesticides; — (b) pesticides not been registered; and — (c) pesticides contrary to its registration. (2) Penalty – Imprisonment for 5 years or fine of RM50,000</p> <p>Research or experiment on unregistered pesticides synthesized in Malaysia Section 14 (1) – (8) Importation of pesticides for educational or research purposes Requirement to be complied with in importing a pesticide for educational or research purposes and the payment for prescribed fees, and an offence of using or disposing this pesticides contrary to the condition of the permit (punishment of imprisonment of 3 years or fine of RM50,000).</p> <p>Research or experiment on unregistered pesticides synthesized in Malaysia Section 14A (1) - (7)</p> <p>University must apply a permit to carry out research or experiment outside the laboratory or an unregistered pesticides synthesized by paying prescribed fees. breach of condition liable for 6 years imprisonment or fine RM 50,000.</p>	<p>-</p> <p>Research or experiment on unregistered pesticides synthesized in Malaysia Section 14A (1) - (7)</p> <p>University must apply a permit to carry out research or experiment outside the laboratory or an unregistered pesticides synthesized by paying prescribed fees-</p>	

No. CPD	Pemilik Proses	Pernyataan Pindaan/Baharu		Tambahan (T)/ Pemotongan (P)
		Asal	Baharu	
		TIADA	<p><u>Licence to sell or store pesticides</u> <u>17. (1) University to apply for a license to sell or store for sale a pesticide.</u></p> <p><u>Offences relating to sale and storage for sale</u> <u>20. (4) A person who commits an offence is liable, on a first conviction, to imprisonment for three years or to a fine of ten thousand ringgit and, on a second or subsequent conviction, to imprisonment for six years or to a fine of twenty thousand ringgit or to both.</u></p>	T
		<p>CONTROL OF TOBACCO PRODUCT REGULATIONS 2004</p> <p>Prohibition on tobacco product advertisement Regulation 4 University is prohibited from advertising tobacco products.</p> <p>Prohibition on sponsorship, etc. Regulation 5 1. University is prohibited from accepting sponsorship, entering into contract, agreement, undertaking or understanding to promote tobacco product in exchange of any gifts, compensations, scholarships or other benefit. 2. Committing an offence shall be liable to a fine of RM 10,000 or imprisonment not exceeding 2 years.</p> <p>Offer, etc., free sample of tobacco product Regulation 6 1. No person shall offer, give or distribute free samples of tobacco products. 2. Committing an offence shall be liable to a fine of RM 10,000 or imprisonment not exceeding 2 years.</p> <p>Sale of tobacco product to a minor is prohibited Regulation 8 1. The University is prohibited from selling any tobacco products to</p>	-	P

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		Asal	Baharu	
		<p>minors.</p> <p>2.— Committing an offence shall be liable to a fine of RM 10,000 or imprisonment not exceeding 2 years.</p> <p>Prohibited Smoking Area Regulation 11 (1) (j) No person shall smoke within any higher education area</p> <p>Duty of proprietor, etc., of the premises or vehicle Regulation 12</p> <p>1. The University shall at all time display, a sign prohibiting smoking within in its premises and vehicles and must ensure that no person smoke in its premises or vehicles.</p> <p>2.— Failure to display a sign is an offence, the University shall be liable to a fine not exceeding RM3,000 or imprisonment not exceeding 6 months.</p> <p>Failure to ensure no person smoke in its premise or vehicle the University shall be liable to a fine not exceeding RM5,000 or imprisonment not exceeding 1 year.</p> <p>THIRD SCHEDULE Description of the signage.</p>	-	
		TIADA	<p><u>ATOMIC ENERGY LICENSING ACT 1984</u></p> <p><u>Section 12</u> <u>University is prohibited from dealing, possessing or disposing radioactive material/ nuclear material/ irradiating apparatus without valid license.</u></p> <p><u>Section 17</u></p> <p><u>(1) Licence issued shall be subject to conditions imposed by the AELB and AELB may add to, vary or revoke such conditions at any time.</u></p> <p><u>Section 20</u> <u>(1) University shall make a return to AELB any radioactive</u></p>	T

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		Asal	Baharu	
			<p><u>material, nuclear material, prescribed substance or irradiating apparatus it acquired.</u></p> <p><u>(2) Every such return shall specify the quantity and the type of radioactive material, nuclear material, prescribed substance or irradiating apparatus in the possession of or under the control of the licensee together with such other particulars as the appropriate authority may from time to time require.</u></p> <p>Section 21</p> <p><u>(1) University shall make a return to AELB any radioactive material, nuclear material, prescribed substance or irradiating apparatus it sold.</u></p> <p>Section 24</p> <p><u>University shall inform AELB of any change of address of the premise specified in the license</u></p> <p>Section 26</p> <p><u>(1) University shall not dispose of or cause to be disposed any radioactive waste without the prior authorization in writing of AELB.</u></p>	
		TIADA	<p><u>ATOMIC ENERGY LICENSING (BASIC SAFETY RADIATION PROTECTION) REGULATIONS 2010</u></p> <p><u>Regulation 15</u></p> <p><u>(1) The University shall be responsible for the protection of workers from occupational exposure and to comply with with any other relevant requirements as determined by AELB for its workers who are engaged in activities involving normal exposures or potential exposures.</u></p> <p><u>(4) The University shall establish and maintain a radiation protection programme and safety procedure, including emergency plans to ensure the protection of the health of workers and members of the public and to minimize the danger to life, property and the environment.</u></p> <p><u>(8) The University shall provide appropriate training, retraining and facilities for updating the skills and knowledge of the workers.</u></p> <p><u>Regulation 16</u></p> <p><u>(1) The University shall employ a radiation protection officer.</u></p>	T

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		Asal	Baharu	
			<p><u>(2) Notwithstanding subregulation (1), the University may employ a qualified expert as approved by AELB to carry out the duties of a radiation protection officer.</u></p> <p>Regulation 17</p> <p><u>(1) The University shall classify the working areas into clean areas, supervised areas and controlled areas.</u></p> <p><u>(6) The University shall ensure that supervised areas and controlled areas are clearly demarcated and appropriate legible notices and warning signs bearing the radiation symbol as specified in the First Schedule are posted conspicuously in strategic places.</u></p> <p>Regulation 18</p> <p><u>(1) The University shall restrict access to controlled areas by means of administrative procedures such as the use of work permits, and physical barriers which shall include, where appropriate, locks or interlocks.</u></p> <p>Regulation 19</p> <p><u>(1) The University shall not allow any person under the age of sixteen years to work in a supervised area or controlled area.</u></p> <p><u>(2) The University shall not allow any person aged sixteen years and above but under the age of eighteen years to work in a controlled area unless the person is supervised and only for the purpose of training.</u></p> <p>Regulation 20</p> <p><u>(1)(d) The University shall ensure all personal protective equipment is maintained in proper condition and, where appropriate, is tested at regular intervals;</u></p> <p>Regulation 21</p> <p><u>(3) The University shall carry out work place monitoring periodically and whenever there are changes in processes or equipment which are likely to result in changes of exposure situations.</u></p>	

No. CPD	Pemilik Proses	Pernyataan Pindaan/Baharu		Tambah (T)/ Pemotongan (P)
		Asal	Baharu	
			<p><u>Regulation 22</u> <u>(1) The University shall be responsible for arranging the assessment of the occupational exposure of workers on the basis of personnel monitoring, where appropriate, using the dosimetry services as approved by AELB.</u> <u>(2) The University shall carry out personnel monitoring for all workers who normally work in a controlled area, and workers who occasionally work in a controlled area but may receive significant occupational exposure.</u> <u>(4) Personnel monitoring for external exposure shall be measured by the use of one or more approved personnel monitoring devices carried continuously on the person.</u> <u>(5) Doses received from internal exposures shall be evaluated using techniques and procedures approved by the appropriate authority.</u></p> <p><u>Regulation 23</u> <u>(1) The University shall inform each worker in writing of the worker's personnel monitoring results and radiation exposure status not later than fourteen days from the date the University receives the results.</u></p> <p><u>Regulation 24</u> <u>(2) the University shall obtain the exposure record in respect of that worker from AELB when the University employs a worker who has been a radiation worker.</u> <u>(9) The exposure records of a worker shall be kept and maintained by the University up to the date he remains the University's worker.</u></p> <p><u>Regulation 25</u> <u>If exposure in excess of the dose limits as specified in regulations 8, 9, 10 and 11 occurs or is suspected to have occurred, the University shall carry out an investigation to determine the circumstances in which the exposure took place and to determine its consequences, and the University shall submit a report on the investigation to the appropriate authority.</u></p>	

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		Asal	Baharu	
			<p><u>Regulation 26</u> <u>(1) The University shall notify the appropriate authority of an accidental exposure or emergency exposure within twenty-four hours after the occurrence of such accidental exposure or emergency exposure.</u> <u>(2) The University shall submit to AELB a written report of an accidental exposure or emergency exposure within thirty days after the occurrence of such exposure</u></p> <p><u>Regulation 27</u> <u>(1) The University shall cause medical surveillance to be carried out on the University's workers.</u> <u>(2) Medical surveillance of workers shall be carried out by an approved registered medical practitioner.</u></p> <p><u>Regulation 29</u> <u>The University shall carry out medical surveillance of workers for pre-employment medical examinations, general health surveillance, periodic reviews of health and medical examination at termination of employment or retirement</u></p> <p><u>Regulation 30</u> <u>The University shall not employ any person as a worker if the person is found to be medically unfit to be a worker.</u></p> <p><u>Regulation 39</u> <u>(1) The University shall keep and maintain a medical record for its worker up to the date he remains its worker.</u> <u>(5) The University shall immediately transfer the medical records of its workers to the appropriate authority in all or any of the following circumstances—</u> <u>(a) after the termination or the retirement of the worker;</u> <u>(b) when the University ceases operation.</u></p> <p><u>Regulation 68</u> <u>(1) The University shall establish an emergency plan for responding to and correcting every reasonably foreseeable</u></p>	

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			<p><u>emergency situation involving a radiation source.</u> <u>(7) The emergency plans shall be rehearsed at suitable intervals in conjunction with the relevant authorities.</u></p> <p>Regulation 70 <u>The University shall take all measures to ensure the security and protection of all radiation sources in its possession or under its control to prevent theft, loss or sabotage.</u></p> <p>Regulation 77 <u>(1) The appropriate authority may require the University to submit any or all of the followings:</u></p> <ul style="list-style-type: none"> (a) <u>a report on area monitoring;</u> (b) <u>a report on environmental monitoring;</u> (c) <u>a report on radioactive discharge;</u> (d) <u>a report on personnel monitoring;</u> (e) <u>a report on accidental exposures and emergency exposures;</u> (f) <u>a report by approved registered medical practitioners;</u> (g) <u>operational procedures, instructions and manuals;</u> (h) <u>emergency plans and procedures;</u> (i) <u>training programmes;</u> (j) <u>physical protection measures; and</u> (k) <u>other reports and records as the appropriate authority deems necessary.</u> 	
		TIADA	<p><u>OTHER REQUIREMENTS</u></p> <p><u>LICENCE FOR ABBATOIR (Licence No: Ac0032, A0007)</u></p> <p><u>Conditions of licence:</u></p> <ul style="list-style-type: none"> (i) <u>Direct discharge of abattoir wastes and untreated effluent into rivers, streams, lakes or area outside the premise are totally prohibited</u> (ii) <u>No animals such as dogs and cats are allowed in the processing area. Rodents and birds should be kept under control.</u> 	T

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			<p>(iii) <u>For storing of meat and meat products adequate refrigeration facilities should be provided at a stipulated temperatures.</u></p> <p>(iv) <u>Standard sanitary operation procedure should be adhered at all time.</u></p> <p>(v) <u>The abattoir should be operated and managed in accordance with the provisions of the Veterinary Public Health Ordinance 1999.</u></p>										
		TIADA	<p><u>Sijil Kelulusan Bertulis Bagi Pembinaan Insinerator (Tempat Bakar Sampah)</u> <u>Di Bawah Peraturan 8, Peraturan-Peraturan Kualiti Alam Sekeliling (Udara Bersih) 1978</u></p> <p>1. <u>Insinerator yang dicadangkan hendaklah dibina di tempat yang ditanda sebagai INCINERATOR di dalam pelan nombor PE1508/UPMB/09/INC/M04 bertajuk SITE LAYOUT PLAN yang telah disahkan oleh Jurutera Profesional Malaysia, Ir. Yee Choon Kiat [Mekanikal-10556]</u></p> <p>2. <u>Pembinaan insinerator hendaklah mengikut rekabentuk, pelan dan lukisan kejuruteraan yang diperakukan oleh perunding tuan, Pollution Engineerings (M) Sdn. Bhd. yang dikemukakan melalui surat rujukan PE1508/DOE/09(020) bertarikh 20 Mac 2009 dan maklumat tambahan melalui surat rujukan PE1508/DOES/09(032) bertarikh 29 April 2009 yang disahkan oleh Jurutera Profesional, Ir. Yee Choon Kiat [Mekanikal-10556] seperti berikut:</u></p> <table border="1" data-bbox="1155 1144 1816 1404"> <thead> <tr> <th><u>Pelan/Dokumen</u></th> <th><u>Tajuk</u></th> <th><u>Rujukan Surat</u></th> </tr> </thead> <tbody> <tr> <td><u>PE1508/UPMB/09/INC/M01</u></td> <td><u>PLAN & SIDE VIEW</u></td> <td><u>Surat perunding rujukan PE1508/DOES/09(032) bertarikh 29 April 2009</u></td> </tr> <tr> <td><u>PE1508/UPMB/09/INC/M02</u></td> <td><u>PLAN, SECTION</u></td> <td><u>Surat perunding rujukan</u></td> </tr> </tbody> </table>	<u>Pelan/Dokumen</u>	<u>Tajuk</u>	<u>Rujukan Surat</u>	<u>PE1508/UPMB/09/INC/M01</u>	<u>PLAN & SIDE VIEW</u>	<u>Surat perunding rujukan PE1508/DOES/09(032) bertarikh 29 April 2009</u>	<u>PE1508/UPMB/09/INC/M02</u>	<u>PLAN, SECTION</u>	<u>Surat perunding rujukan</u>	T
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				<p><u>3. Buangan yang dibenar untuk dibakar di dalam incinerator ini adalah <i>Animal Carcass</i> sahaja. Kadar suapan buangan tersebut tidak melebihi 100 kg/jam.</u></p> <p><u>4. Spesifikasi pembakar ini adalah seperti berikut:</u></p> <table> <tr> <td><u>Pembakar Primer</u></td> <td><u>:</u></td> <td><u>2 unit</u></td> </tr> <tr> <td><u>Jenis Bahanapi</u></td> <td><u>:</u></td> <td><u>Diesel</u></td> </tr> <tr> <td><u>Kadar Bahanapi</u></td> <td><u>:</u></td> <td><u>10 liter/jam/unit</u></td> </tr> </table> <table> <tr> <td><u>Pembakar Sekunder</u></td> <td><u>:</u></td> <td><u>1 unit</u></td> </tr> <tr> <td><u>Jenis Bahanapi</u></td> <td><u>:</u></td> <td><u>Diesel</u></td> </tr> <tr> <td><u>Kadar Bahanapi</u></td> <td><u>:</u></td> <td><u>20 liter/jam/unit</u></td> </tr> </table> <p><u>5. Spesifikasi insinerator ini adalah seperti berikut:</u></p> <table> <tr> <td><u>Jenis/Model</u></td> <td><u>:</u></td> <td><u>BCA 075</u></td> </tr> <tr> <td><u>Ruang Pembakaran Primer</u></td> <td></td> <td></td> </tr> <tr> <td><u>Ukuran</u></td> <td><u>:</u></td> <td><u>0.77m³</u></td> </tr> <tr> <td><u>Masa Penahanan</u></td> <td><u>:</u></td> <td><u>3.43 saat</u></td> </tr> <tr> <td><u>Suhu</u></td> <td><u>:</u></td> <td><u>700°C</u></td> </tr> </table>	<u>Pembakar Primer</u>	<u>:</u>	<u>2 unit</u>	<u>Jenis Bahanapi</u>	<u>:</u>	<u>Diesel</u>	<u>Kadar Bahanapi</u>	<u>:</u>	<u>10 liter/jam/unit</u>	<u>Pembakar Sekunder</u>	<u>:</u>	<u>1 unit</u>	<u>Jenis Bahanapi</u>	<u>:</u>	<u>Diesel</u>	<u>Kadar Bahanapi</u>	<u>:</u>	<u>20 liter/jam/unit</u>	<u>Jenis/Model</u>	<u>:</u>	<u>BCA 075</u>	<u>Ruang Pembakaran Primer</u>			<u>Ukuran</u>	<u>:</u>	<u>0.77m³</u>	<u>Masa Penahanan</u>	<u>:</u>	<u>3.43 saat</u>	<u>Suhu</u>	<u>:</u>	<u>700°C</u>	
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			<p><u>Ruang Pembakaran Sekunder :</u></p> <p><u>Ukuran : 0.6762m³</u></p> <p><u>Masa Penahanan : 2.36 saat</u></p> <p><u>Suhu : 900°C</u></p> <p><u>6. Ukuran cerobong dan butir-butir lain:</u></p> <table border="0"> <tr> <td><u>Nombor Pengenalan</u></td> <td><u>Ketinggian</u></td> </tr> <tr> <td><u>maksimum, m</u></td> <td><u>Garispusat, m</u></td> </tr> <tr> <td></td> <td><u>(dari aras tanah)</u></td> </tr> <tr> <td><u>1</u></td> <td><u>14.66</u></td> </tr> <tr> <td><u>0.45</u></td> <td></td> </tr> </table> <p><u>7. Penyuaapan buangan adalah dengan menggunakan cara manually feed through main charging door.</u></p> <p><u>8. Peralatan pengawasan prestasi iaitu alat jangkasuhu atau "thermocouple" hendaklah dipasang di tempat seperti yang dinyatakan dalam lukisan kejuruteraan nombor PE1508/UPMB/09/INC/MO1 bertajuk PLAN & SIDE VIEW yang telah disahkan oleh Jurutera Profesional Malaysia, Ir. Yee Choon Kiat [Mekanikal-10556] bagi memastikan suhu pembakaran tidak kurang daripada 900°C pada sepanjang masa pengoperasian insinerator tersebut.</u></p> <p><u>9. Insinerator yang dibina berasaskan perkiraan rekabentuknya hendaklah mematuhi paras kepekatan asap hitam dari takat pelepasan, iaitu tidak melebihi Warna No.1 dalam Carta Ringelmann pada setiap masa beroperasi.</u></p> <p><u>10. Insinerator hendaklah ditanda dengan UPMB sebagai nombor pengenalan. Angka tersebut hendaklah diperbuat daripada logam berukuran garispusat atas cerobong dan dilekatkan pada kedudukan yang jelas di bahagian atas corong.</u></p>	<u>Nombor Pengenalan</u>	<u>Ketinggian</u>	<u>maksimum, m</u>	<u>Garispusat, m</u>		<u>(dari aras tanah)</u>	<u>1</u>	<u>14.66</u>	<u>0.45</u>		
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			<p><u>11. Kepekatan habuk, abu atau kumin pepejal lain yang dilepaskan dari cerobong tidak dibenarkan melebihi Piawai C, Peraturan-peraturan Kualiti Alam Sekeliling (Udara Bersih), 1978, pada setiap masa operasi.</u></p> <p><u>12. Takat percontohan pelepasan udara daripada cerobong hendaklah disediakan sepertimana yang dinyatakan dalam lukisan kejuruteraan bertajuk CHIMNEY VIEW AND DETAILS di dalam lukisan bernombor PE1508/UPMB/09/INC/M03 yang telah disahkan oleh Jurutera Profesional Malaysia, Ir. Yee Choon Kiat [Mekanikal-10556].</u></p> <p><u>13. Pengukuran ke atas parameter NOX, SOX CO dan habuk/particular yang terhasil semasa pengoperasian incinerator tersebut hendaklah dilakukan setahun sekali. Keputusan pengukuran ini hendaklah dikemukakan kepada Jabatan Alam Sekitar Negeri Sarawak tanpa gagal bagi tujuan rekod dan penguatkuasaan.</u></p> <p><u>14. Operator yang kompeten (<i>competent operator</i>) hendaklah dilantik untuk mengendali dan menyelenggara operasi incinerator tersebut. Nama dan kelayakan operator ini hendaklah dikemukakan kepada Jabatan Alam Sekitar Negeri Sarawak.</u></p> <p><u>15. Bagi menjamin bahawa operasi incinerator tersebut dapat mencapai syarat-syarat yang dinyatakan di atas, pihak tuan dikehendaki mengemukakan manual operasi dan penyelenggaraan tempat bakarsampah berkenaan (<i>maintenance and operation manual of the incinerator</i>) kepada Jabatan ini. Jadual penyelenggaraan yang dicadangkan bagi incinerator tersebut perlulah dikemukakan kepada Jabatan ini dalam tempoh satu (1) bulan daripada tarikh surat ini dikeluarkan.</u></p>	

No. CPD	Pemilik Proses	Pernyataan Pindaan/Baharu		Tambahan (T)/ Pemotongan (P)
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			<p><u>16. Pihak tuan hendaklah memaklumkan Jabatan ini sekurang-kurangnya dua (2) minggu sebelum tarikh operasi percubaan incinerator (<i>incinerator's trail run</i>) dijalankan bagi membolehkan pemeriksaan terhadap incinerator tersebut dilakukan oleh pegawai Jabatan ini dan surat pengoperasian muktamad dapat dikeluarkan.</u></p> <p><u>17. Pihak UPM hendaklah mencadang dan memasang alat kawalan pencemaran udara yang berkesan bagi mengawal pelepasan habuk/partikulat dan gas-gas pencemar daripada cerobong incinerator, sekiranya didapati kecekapan incinerator menurun pada masa akan datang.</u></p>	

BAHAGIAN B: Kelulusan CADANGAN PINDAAN DOKUMEN ISO

(Diisi oleh PKD / TPKD mengikut skop dokumen ISO)

Peneraju Proses:	<u>Pejabat Penasihat Undang-Undang</u>
Kelulusan Mesyuarat:	<u>Mesyuarat Bulanan Pejabat Penasihat Undang-Undang</u> Kali ke- <u>Bil. 6/2016</u>
Tarikh Mesyuarat:	<u>20 Jun 2016</u>
Cadangan Tarikh Kuatkuasa *:	<u>07 Oktober 2016</u>

Nota *:

- Tarikh Kuatkuasa merujuk kepada tarikh yang ditetapkan dan sila berhubung dengan PKD sekiranya perlukan tarikh kuarkuasa lain
- Masukkan Huraian Pindaan Dokumen yang dilampirkan oleh pencadang bersama Borang Cadangan Pindaan/Tambahan Dokumen.