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# WARTA KERAJAAN PERSEKUTUAN

## *FEDERAL GOVERNMENT GAZETTE*

PERINTAH KILANG DAN JENTERA (PENGECCUALIAN  
KEPADA OPTIMAL CHEMICAL (M) SDN. BHD.,  
KERTEH, TERENGGANU) 2011

*FACTORIES AND MACHINERY (EXEMPTION TO OPTIMAL  
CHEMICAL (M) SDN. BHD., KERTEH, TERENGGANU)  
ORDER 2011*



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AKTA KILANG DAN JENTERA 1967

PERINTAH KILANG DAN JENTERA (PENGECUALIAN KEPADA OPTIMAL  
CHEMICAL (M) SDN. BHD., KERTEH, TERENGGANU) 2011

PADA menjalankan kuasa yang diberikan oleh subseksyen 55(3) Akta Kilang dan Jentera 1967 [*Akta 139*], Menteri membuat perintah yang berikut:

**Nama**

1. Perintah ini bolehlah dinamakan **Perintah Kilang dan Jentera (Pengecualian kepada Optimal Chemical (M) Sdn. Bhd., Kerteh, Terengganu) 2011.**

**Pengecualian**

2. Semua bejana tekanan tidak berapi yang didaftarkan dengan Ketua Pemeriksa, dengan nombor pendaftaran dan perihal yang dinyatakan dalam ruang (1) dan (2) Jadual, atas nama Optimal Chemical (M) Sdn. Bhd., Kerteh, Terengganu yang telah diberikan perakuan kelayakan, dikecualikan daripada persediaan yang kehendaki di bawah perenggan 17(*b*) Peraturan-Peraturan (Pemberitahu, Perakuan Kelayakan dan Pemeriksaan) Kilang dan Jentera 1970 [*P.U. (A) 43/1970*] bagi pemeriksaan ulangan yang berikutnya selepas habisnya tempoh perakuan kelayakan itu pada 18 November 2010.

**Syarat pengecualian**

3. Pengecualian di bawah perenggan 2 tertakluk kepada syarat bahawa semua bejana tekanan tidak berapi yang dinyatakan dalam Jadual menjalani pemeriksaan luaran dan ujian tanpa musnah dan Pemeriksa berpuas hati dengan keputusan pemeriksaan dan ujian itu.

## JADUAL

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Bejana Tekanan Tidak Berapi</i>
PMT 128487	Tangki Simpanan Propilena
PMT 139965	Pemisah Antara Peringkat
PMT 139966	Penyekat Buangan Peringkat Kedua
PMT 139967	Pendingin Produk Aldehid
PMT 139968	Penapis Propilena
PMT 139969	Penyekat Sedutan Peringkat Kedua
PMT 139970	Penyekat Sedutan Peringkat Pertama
PMT 139971	Penyekat Buangan Peringkat Pertama
PMT 139972	Pendingin Air Terbaja
PMT 139973	Lapisan Pelindung Sulfur Propilena
PMT 139974	Pemanas Air Terbaja
PMT 139975	Bejana Pembebasan
PMT 139976	Pemanas Pemeluwapan
PMT 139977	Pengewap Suapan AHC
PMT 139978	Pemeluwap AHC
PMT 139979	Kalandria AHC
PMT 139980	Penukar Haba Silang VPH
PMT 139981	Prapemanas Trim Suapan LPH
PMT 139982	Pendingin Produk LPH
PMT 139983	Penapis Mangkin LPH
PMT 139984	Penapis Mangkin LPH
PMT 139985	Pendingin Produk
PMT 139986	Pendingin Produk
PMT 139987	Turus Berat Aldehid
PMT 139988	Pot Buat AHC
PMT 139989	Pot Ketuk Keluar Pemanas Lampau
PMT 139990	Pemanas Lampau Suapan VPH

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Tekanan Tidak Berapi</i>
PMT 139991	Reaktor VPH
PMT 139992	Pot Tadah VPH
PMT 139993	Pendingin Minyak Pelincir
PMT 139994	Pendingin Minyak Pelincir
PMT 139995	Penapis Minyak Pelincir
PMT 139996	Penapis Minyak Pelincir
PMT 139997	Prapemanas Suapan LPH
PMT 139998	Reaktor LPH 1
PMT 139999	Reaktor LPH 2
PMT 140000	Penyejuk Gas Membersih
PMT 140001	Penukar Haba Silang LPH
PMT 140002	Penukar Haba Silang LPH
PMT 140003	Penukar Haba Silang RC
PMT 140004	Kalandria RC
PMT 140005	Pemeluwap BHC
PMT 140006	Kalandria BHC
PMT 140007	Pendingin Hujung BHC
PMT 140008	Pemeluwap RC
PMT 140009	Pendingin Produk N-Butanol
PMT 140010	Pemeluwap IC
PMT 140011	Pemeluwap IC
PMT 140012	Turus Penapisan
PMT 140013	Turus Isomer
PMT 140014	Turus Isomer
PMT 140015	Kalandria IC
PMT 140016	Penyiring Buat IC
PMT 140017	Pendingin Produk I-Butanol

(1) <i>No. Pendaftaran</i>	(2) <i>Perihalannya Tekanan Tidak Berapi</i>
PMT 140018	Turus Berat Butanol
PMT 140019	Pot Buat BHC
PMT 140020	Pot Kitar Semula Penapisan
PMT 140021	Tangki Suapan Turus Isomer
PMT 140022	Pendingin Produk N-Butanol
PMT 140023	Tangki Simpanan Aldehyd
PMT 140024	Tangki Simpanan Aldehyd
PMT 140025	Tangki Suapan Turus Penapisan
PMT 140026	Tangki Suapan Terbitan N-Butanol
PMT 140027	Tangki Produk I-Butanol
PMT 140028	Tangki Pembebanan I-Butanol
PMT 140029	Tangki Unit N-Butanol
PMT 140030	Tangki Suapan Pembakar
PMT 140031	Berkas Bungkusan Pendingin Bersejat
PMT 140032	Berkas Bungkusan Pendingin Bersejat
PMT 140033	Berkas Bungkusan Pendingin Bersejat
PMT 140034	Berkas Bungkusan Pendingin Bersejat
PMT 140035	Berkas Bungkusan Pendingin Bersejat
PMT 140036	Berkas Bungkusan Pendingin Bersejat
PMT 140037	Berkas Bungkusan Pendingin Bersejat
PMT 140038	Berkas Bungkusan Pendingin Bersejat
PMT 140039	Berkas Bungkusan Pendingin Bersejat
PMT 140040	Berkas Bungkusan Pendingin Bersejat
PMT 140041	Berkas Bungkusan Pendingin Bersejat
PMT 140043	Berkas Bungkusan Pendingin Bersejat
PMT 140044	Penapis Udara Alatan
PMT 140045	Penapis Udara Alatan

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Tekanan Tidak Berapi</i>
PMT 140046	Tangki Pengembangan
PMT 140047	Pot Ketuk Keluar Nitrogen
PMT 140048	Tangki Pemeluwapan
PMT 140049	Pendingin Pemeluwapan
PMT 140050	Gelendong Kedap Air Ternaik
PMT 140051	Penapis Tekanan
PMT 140052	Gelendong Ketuk Keluar Bernyala
PMT 140053	Gelendong Ketuk Keluar Bernyala Terbitan
PMT 140054	Gelendong Ketuk Keluar Produk Sampingan Gas Bahan Api
PMT 140055	Pemanas Produk Sampingan Gas Bahan Api
PMT 140056	Pendingin Telap
PMT 140057	Penukar Haba Selatan
PMT 140058	Prapemanas Unit Selaput
PMT 140059	Penyingkir Kabut
PMT 140060	Pemisah Selaput
PMT 140061	Pemisah Selaput
PMT 140062	Pemisah Selaput
PMT 140063	Pemisah Selaput
PMT 140064	Pemisah Selaput
PMT 140065	Pemisah Selaput
PMT 140066	Pemisah Selaput
PMT 140067	Pemisah Selaput
PMT 140068	Pemisah Selaput
PMT 140069	Pemisah Selaput
PMT 140070	Pemisah Selaput
PMT 140071	Pemisah Selaput

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Tekanan Tidak Berapi</i>
PMT 140072	Pemisah Selaput
PMT 140073	Pemisah Selaput
PMT 140074	Pemisah Selaput
PMT 140075	Pemisah Selaput
PMT 140076	Pemisah Selaput
PMT 140077	Pemanas Produk Sampingan Bahan Api
PMT 140078	Pemanas Penjanaan Semula 270KW
PMT 140079	Pendingin Tidak Telap
PMT 140080	Pemisah Suapan Panas
PMT 140081	Pemisah Suapan Akhir Sejuk
PMT 140082	Pemisah Gas Bahan Api
PMT 140083	Turus Pemecah Co/Ch4
PMT 140084	Penukar Utama Panas
PMT 140085	Penukar Utama Sejuk
PMT 140086	Penapis C-Gas No. 1
PMT 140087	Penapis C-Gas No. 2
PMT 140088	Pemisah Minyak
PMT 140089	Penerima HP Bungkusan Penyejukan Telap
PMT 140090	Perangkap Sedutan Bungkusan Penyejukan Telap
PMT 140091	Pemeluwap Bungkusan Penyejukan Telap
PMT 140092	Subpendingin
PMT 140093	Pendingin Minyak Bungkusan Penyejukan Telap
PMT 140094	Penapis Minyak Bungkusan Penyejukan Telap
PMT 140095	Penapis Minyak Bungkusan Penyejukan Telap
PMT 140096	Penapis Penjanaan Semula
PMT 140097	Penapis Penjanaan Semula
PMT 140098	Pemanas Penjanaan Semula

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalana Bejana Tekanan Tidak Berapi</i>
PMT 140099	Peredam
PMT 140100	Tangki Kilat Pemeluwapan Proses
PMT 140101	Peredam
PMT 140102	Peredam
PMT 140103	Peredam
PMT 140104	Peredam
PMT 140105	Peredam
PMT 140106	Pendingin Peringkat Antara
PMT 140107	Pendingin Peringkat Antara
PMT 140108	Peringkat Ketiga Pendingin Lanjut
PMT 140109	Peredam
PMT 140110	Peredam
PMT 140111	Peredam
PMT 140112	Peredam
PMT 140113	Peredam
PMT 140114	Peredam
PMT 140115	Peringkat Pertama Pendingin Antara
PMT 140116	Peringkat Kedua Pendingin Lanjut
PMT 140117	Pendingin Lanjut
PMT 140118	Peredam
PMT 140119	Peredam
PMT 140120	Peredam
PMT 140121	Peredam
PMT 140122	Peringkat Pertama Pendingin Antara
PMT 140123	Peringkat Kedua Pendingin Lanjut
PMT 140124	Penapis Minyak Pelincir
PMT 140125	Penapis Minyak Pelincir

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Bejana Tekanan Tidak Berapi</i>
PMT 140126	Penapis Gas Kedap
PMT 140127	Penumpuk Minyak Pelincir
PMT 140128	Pendingin Dupleks Minyak Pelincir
PMT 140129	Pendingin Dupleks Minyak Pelincir
PMT 140130	Takungan Minyak Pelincir
PMT 140131	Gelendong Ketuk Keluar Utama Bernyala
PMT 140132	Pengewap Pelupusan
PMT 140133	Pot Ketuk Keluar Singas Mentah
PMT 140134	Pot Ketuk Keluar Telap
PMT 140135	Bejana Pengering TSA
PMT 140136	Bejana Pengering TSA
PMT 140137	Bejana Pengering TSA
PMT 140138	Bejana Pengering TSA
PMT 140139	Tangki Kilat Penyejukan
PMT 140140	Tangki Suapan Penyelesaian
PMT 140141	Tangki Kilat Bahan Pendingin
PMT 140142	Reaktor LPO
PMT 140143	Penyahudara LPO
PMT 140144	Turus Penapisan Ester
PMT 140145	Kalandria ERC
PMT 140146	Pendingin Hujung ERC
PMT 140147	Turus Pemuliharaan Organik
PMT 140148	Pendingin Hujung ORC
PMT 140149	Pemeluwap ERC
PMT 140150	Penyiring ERC
PMT 140151	Pemeluwap ORC

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Tekanan Tidak Berapi</i>
PMT 140152	Tangki Jalur
PMT 140153	Tangki Simpanan NBAC
PMT 140154	Tangki Simpanan NBAC
PMT 140155	Penumpuk ERC
PMT 140156	Penumpuk ORC
PMT 140157	Reaktor Ester
PMT 140158	Turus Mentah Ester
PMT 140159	Gegelung Reaktor Ester
PMT 140160	Pemeluwap ECC
PMT 140161	Penyiring ECC
PMT 140201	Pot Tadah Pengewap
PMT 140202	Pemisah Minyak Bungkusan Penyejukan LPO
PMT 140203	Pendingin Hujung Pelucut
PMT 140204	Pengewap
PMT 140205	Pot Kedap
PMT 140206	Pot Kedap
PMT 140207	Pot Kedap
PMT 140208	Pemeluwap Pengewap
PMT 140209	Penapis Minyak Bungkusan Penyejukan LPO
PMT 140210	Penapis Minyak Bungkusan Penyejukan LPO
PMT 140211	Penapis HP Bungkusan Penyejukan LPO
PMT 140212	Perangkap Sedutan Bungkusan Penyejukan LPO
PMT 140215	Reaktor LPO
PMT 140214	Berkas Tiub-U
PMT 140216	Pot Tadah Pemeluwap Pengewap
PMT 140217	Pendingin Hujung Pengewap
PMT 140218	Penukar Kelompang & Tiub

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Tekanan Tidak Berapi</i>
PMT 140219	Pot Ketuk Keluar Pemeluwap Terasing Bolong Reaktor
PMT 140220	Tangki Pusuan Air Terbaja
PMT 140221	Pot Pemeluwap Bolong LPO
PMT 140222	Bejana Campuran Mangkin
PMT 140223	Penyiring Atas Pelucut
PMT 140224	Produk Sampingan Penyiring Cecair
PMT 140225	Pelucut
PMT 140226	Penukar Kelompang & Tiub
PMT 140227	Reaktor LPO
PMT 140228	Pemeluwap Bolong LPO
PMT 140229	Pemeluwap Bolong Reaktor
PMT 140230	Pemeluwap Bolong Reaktor Sejuk
PMT 140231	Pendingin Reaktor LPO
PMT 140232	Subpendingin Bungkusannya Penyejukan LPO
PMT 140233	Pemeluwap RC
PMT 140234	Penumpuk ECC
PMT 140237	Pendingin Singas Mentah
PMT 140260	Penukar Haba Reaktor OPE
PMT 140261	Pendingin Produk Surfaktan
PMT 140262	Prapenapis Surfaktan PAE
PMT 140263	Pemeluwap Antara Pertama
PMT 140264	Pemeluwap Lanjut
PMT 140265	Penukar Haba Reaktor PAE
PMT 140266	Prapenapis Surfaktan PAE
PMT 140267	Pemeluwap Antara
PMT 140268	Pemeluwap Lanjut
PMT 140269	Pemanas Air Terbaja Reaktor OPE

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalana Bejana Tekanan Tidak Berapi</i>
PMT 140270	Prapemeluwap OPE
PMT 140271	Pemanas Air Terbaja Prapemeluwap OPE
PMT 140272	Prapemeluwap Reaktor PAE
PMT 140273	Pemanas Air Terbaja Prapemeluwap
PMT 140274	Pemanas Air Terbaja Reaktor PAE
PMT 140275	Reaktor OPE
PMT 140276	Tangki Akueus Surfaktan
PMT 140277	Tangki Asid Propionik
PMT 140278	Reaktor PAE
PMT 140279	Pendingin Terbaja Reaktor OPE
PMT 140280	Bejana Terbaja Reaktor OPE
PMT 140281	Tangki Simpanan Oktifenol
PMT 140282	Tangki Simpanan Oktifenol
PMT 140283	Tangki Simpanan Nonilfenol
PMT 140284	Tangki Penyimpanan Nonilfenol
PMT 140285	Pendingin Air Terbaja Reaktor PAE
PMT 140286	Bejana Pusuan Air Terbaja Reaktor PAE
PMT 140287	Tangki Simpanan Asid Asetik
PMT 140289	Tangki Simpanan Utama Alkohol
PMT 140290	Tangki Simpanan Utama Alkohol
PMT 140291	Bungkusan Pendingin Bersejat
PMT 140292	Bungkusan Pendingin Bersejat
PMT 140293	Bungkusan Pendingin Bersejat
PMT 140294	Bungkusan Pendingin Bersejat
PMT 140295	Bungkusan Pendingin Bersejat
PMT 140296	Bungkusan Pendingin Bersejat
PMT 140297	Tangki Suapan NH3

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalana Bejana Tekanan Tidak Berapi</i>
PMT 140298	Tangki Kitar Semula NH3
PMT 140299	Penapis Produk MEA
PMT 140300	Tangki Kilat Pemeluwapan LP
PMT 140301	Tangki Kilat Pemeluwapan ATM
PMT 140302	Pemeluwap Stim ATM
PMT 140303	Pemeluwap Stim ATM
PMT 140304	Tangki Pengembangan Air Pendingin
PMT 140305	Tangki Buat DEA
PMT 140306	Tangki Buat DEA
PMT 140307	Tangki Buat TEA-99
PMT 140308	Tangki Buat TEA-99
PMT 140309	Tangki Kitar Semula Amina
PMT 140310	Pemanas Suapan NH3
PMT 140311	Penapis Produk TEA-99
PMT 140312	Penapis Produk DEA
PMT 140313	Pendingin Antara Reaktor
PMT 140314	Turus Pemulihan Butanol
PMT 140315	Pemanas Butanol
PMT 140316	Reaktor Butil Glikol Eter
PMT 140317	Penggosok Bolong
PMT 140318	Tangki Kitar Semula
PMT 140319	Tangki Suapan Mangkin
PMT 140320	Pot Buat BRC
PMT 140321	Tangki Campuran Mangkin
PMT 140322	Prapemanas Suapan Reaktor
PMT 140323	Pot Ketuk Keluar Pengepala Bolong
PMT 140324	Penapis Tangki Campuran Mangkin

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalana Bejana Tekanan Tidak Berapi</i>
PMT 140325	Penapis Tangki Suapan Mangkin
PMT 140326	Penapis Tangki Suapan Mangkin
PMT 140328	Pemisah Injap Keselamatan Reaktor
PMT 140329	Reaktor Butil Glikol Eter
PMT 140330	Pendingin Longgok BRC
PMT 140331	Pot Campuran Mangkin
PMT 140332	Pemeluwap BRC
PMT 140333	Pemanas Air Nyahmineral
PMT 140334	Pot Ketuk Keluar Nitrogen Unit
PMT 140335	Tangki Simpanan Butil Selosolf
PMT 140336	Tangki Simpanan Butil Selosolf
PMT 140337	Tangki Simpanan Butil Karbitol
PMT 140338	Tangki Simpanan Butil Karbitol
PMT 140339	Tangki Simpanan
PMT 140340	Tangki Simpanan
PMT 140341	Tangki Pelbagai
PMT 140342	Reaktor Utama Etanolamina
PMT 140343	Reaktor Adiabatik
PMT 140344	Sisi Sedutan Bejana
PMT 140345	Penyalun Buangan Untuk Pam Suapan Reaktor
PMT 140346	Turus Butil Selosolf
PMT 140347	Pemeluwap Antara Pertama
PMT 140348	Pemeluwap Lanjut
PMT 140349	Turus Butil Karbitol
PMT 140350	Pemeluwap Antara Pertama
PMT 140351	Pemeluwap Antara Kedua

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Tekanan Tidak Berapi</i>
PMT 140352	Pemeluwap Lanjut
PMT 140353	Pendingin Hujung BUCB
PMT 140354	Butoksitriglikol
PMT 140355	Kalandria BTG
PMT 140356	Pemeluwap Antara Pertama
PMT 140357	Pemeluwap Antara Kedua
PMT 140358	Pemeluwap Antara Ketiga
PMT 140359	Pendingin Hujung BTG
PMT 140360	Kalandria BUCS
PMT 140361	Pemeluwap BUCS
PMT 140362	Kalandria BUCB
PMT 140363	Pemeluwap Dalaman BUCB
PMT 140364	Pemeluwap Dalaman BTG
PMT 140365	Pot Buat BUCB
PMT 140366	Pot Buat BTG
PMT 140367	Pot Pusuan Suapan BTG
PMT 140368	Tangki Simpanan Baki
PMT 140369	Tangki Kilat
PMT 140370	Pengewap
PMT 140371	Pengewap
PMT 140372	Pemeluwap Ammonia
PMT 140373	Pemeluwap Separa Ammonia
PMT 140374	Turus Ammonia
PMT 140375	Kalandria Turus Ammonia
PMT 140376	Pemeluwap Turus Ammonia
PMT 140377	Pot Sedutan Peringkat Pertama
PMT 140378	Pemampat Pemulihan NH3

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalana Bejana Tekanan Tidak Berapi</i>
PMT 140379	Penindas Salur Masuk Peringkat Pertama
PMT 140380	Pot Sedutan Peringkat Kedua
PMT 140381	Pemampat Pemulihan Ammonia
PMT 140382	Penindas Buangan Peringkat Pertama
PMT 140383	Pot Sedutan Peringkat Ketiga
PMT 140385	Penindas Salur Masuk Peringkat Kedua
PMT 140386	Pot Sedutan Peringkat Keempat
PMT 140387	Pendingin Minyak Pelincir
PMT 140388	Penindas Buangan Peringkat Kedua
PMT 140389	Penindas Salur Masuk Peringkat Ketiga
PMT 140390	Penindas Buangan Peringkat Ketiga
PMT 140391	Penindas Salur Masuk Peringkat Keempat
PMT 140392	Penindas Buangan Peringkat Keempat
PMT 140393	Turus MEA
PMT 140394	Kalandria Turus MEA
PMT 140395	Pemeluwap Bolong Turus MEA
PMT 140396	Sistem Jet Vakum Turus MEA
PMT 140397	Pemeluwap Antara Kedua
PMT 140398	Pemeluwap Lanjut
PMT 140399	Pendingin Produk MEA
PMT 140400	Turus DEA
PMT 140401	Kalandria Turus DEA
PMT 140402	Pemeluwap Antara Pertama
PMT 140403	Pemeluwap Antara Kedua
PMT 140404	Pemeluwap Lanjut
PMT 140405	Pendingin Produk DEA

(1)	(2)
<i>No. Pendaftaran</i>	<i>Perihalannya Tekanan Tidak Berapi</i>
PMT 140406	Turus TEA
PMT 140407	Kalandria Turus TEA
PMT 140408	Pemeluwap Turus TEA
PMT 140409	Sistem Jet Vakum Turus TEA
PMT 140410	Sistem Jet Vakum Turus TEA
PMT 140411	Pemeluwap Lanjut
PMT 140412	Pendingin Produk TEA-99
PMT 140413	Turus Suling Kelompok
PMT 140414	Penukar Haba Pilin
PMT 140415	Penumpuk Pemeluwap Suling Kelompok
PMT 140416	Tapak Suling Kelompok
PMT 140417	Pendingin Baki
PMT 140418	Tangki Baki
PMT 140419	Tangki Kilat
PMT 140420	Pot Kilat Pemeluwap Separa
PMT 140421	Turus Pemeluwap MEA
PMT 140422	Turus Pemeluwap DEA
PMT 140423	Tangki Pemeluwap EOA
PMT 140424	Pot Ketuk Keluar Bernyala
PMT 140425	Pot Ketuk Keluar Gas Asli Jualan
PMT 140426	Pendingin Air Terbaja OPE
PMT 140427	Pendingin Air Terbaja Reaktor PAE
PMT 140439	Penukar Haba Reaktor Carbowax
PMT 140441	Penapis Penggilap Carbowax
PMT 140442	Penapis
PMT 140443	Penapis
PMT 140444	Pemanas Reaktor Carbowax

(1) <i>No. Pendaftaran</i>	(2) <i>Perihalannya Bejana Tekanan Tidak Berapi</i>
PMT 140445	Prapemeluwap Reaktor Carbowax
PMT 140446	Pemanas Prapemeluwap Carbowax
PMT 140447	Pemeluwap Antara Pertama
PMT 140448	Pemeluwap Lanjut
PMT 140449	Reaktor Carbowax
PMT 140450	Tangki Takungan Carbowax
PMT 140451	Tangki Suapan Penapis Carbowax
PMT 140452	Tangki Prasalut Carbowax
PMT 140453	Tangki Produk Carbowax
PMT 140454	Reaktor Carbowax
PMT 140455	Bejana Reaktor Carbowax
PMT 140456	Pemeluwap BRC
PMT 140457	Pemeluwap BRC
PMT 140458	Pemeluwap BRC
PMT 140463	Pendingin Gas BEU
PMT 140464	Pot Kedap
PMT 140465	Pemeluwap Bungkusan Penyejukan LPO
PMT 140466	Pendingin Minyak Bungkusan Penyejukan LPO
PMT 140467	Pemeluwap Pelucut
TG PMT 220	Reaktor UCON
TG PMT 221	Pot Tambahan Mangkin Reaktor UCON
TG PMT 222	Tangki Pemula
TG PMT 223	Tangki Pemula
TG PMT 224	Tangki
TG PMT 225	Pendingin Air Terbaja Reaktor UCON
TG PMT 226	Bejana Pusuan Air Terbaja Reaktor UCON
TG PMT 227	Tangki Adunan UCON

(1) <i>No. Pendaftaran</i>	(2) <i>Perihalannya Bejana Tekanan Tidak Berapi</i>
TG PMT 228	Pemula
TG PMT 229	Tangki Rawatan Magnesol
TG PMT 230	Tangki Tambahan Precoat/Magnesol
TG PMT 231	Tangki Asid Fosforik
TG PMT 232	Penukar Haba Reaktor UCON
TG PMT 233	Pemanas Air Terbaja Reaktor UCON
TG PMT 234	Pot Ketuk Keluar Bernyala Oksida
TG PMT 235	Pendingin Produk UCON
TG PMT 236	Tangki KOH
TG PMT 237	Penapis Penggilap Magnesol
TG PMT 239	Pemeluwap Antara
TG PMT 241	Ketuk Keluar Nitrogen Keutuhan Tinggi
TG PMT 242	Pemeluwap Lanjut
TG PMT 243	Tangki NAOH
TG PMT 317	Gegelung Tangki NAOH
TG PMT 720	Pendingin
TG PMT 880	Pot Pembersihan Pemampat Ammonia

Dibuat 5 Mei 2011

[KSM/PUU/T/01/02/03 Jld. 14; PN(PU2)235/XXIX]

DATUK DR. S. SUBRAMANIAM A/L K.V. SATHASIVAM  
*Menteri Sumber Manusia*

FACTORIES AND MACHINERY ACT 1967

FACTORIES AND MACHINERY (EXEMPTION TO OPTIMAL CHEMICAL (M) SDN. BHD.,  
KERTEH, TERENGGANU) ORDER 2011

IN exercise of the powers conferred by subsection 55(3) of the Factories and Machinery Act 1967 [*Act 139*], the Minister makes the following order:

**Citation**

1. This order may be cited as the **Factories and Machinery (Exemption to Optimal Chemical (M) Sdn. Bhd., Kerteh, Terengganu) Order 2011**.

**Exemption**

2. All unfired pressure vessels registered with the Chief Inspector, with the registration numbers and descriptions as specified in columns (1) and (2) of the Schedule, in the name of Optimal Chemical (M) Sdn. Bhd., Kerteh, Terengganu which have been issued with certificates of fitness, are exempted from the preparation required under paragraph 17(*b*) of the Factories and Machinery (Notification, Certificate of Fitness and Inspection) Regulations 1970 [*P.U. (A) 43/1970*] for subsequent regular inspection after the expiry of such certificates of fitness on 18 November 2010.

**Condition of exemption**

3. The exemption under paragraph 2 is subject to the condition that all of the unfired pressure vessels as specified in the Schedule undergo an external inspection and non-destructive tests and the Inspector is satisfied with the results of such inspection and test.

## SCHEDULE

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 128487	Propylene Storage Tank
PMT 139965	Interstage Separator
PMT 139966	Second Stage Discharge Snubber
PMT 139967	Aldehyde Product Cooler
PMT 139968	Propylene Filter
PMT 139969	Second Stage Suction Snubber
PMT 139970	First Stage Suction Snubber
PMT 139971	First Stage Discharge Snubber
PMT 139972	Tempered Water Cooler
PMT 139973	Propylene Sulfur Guard Bed
PMT 139974	Tempered Water Heater
PMT 139975	Disengagement Vessel
PMT 139976	Condensate Heater
PMT 139977	AHC Feed Vaporizer
PMT 139978	AHC Condenser
PMT 139979	AHC Calandria
PMT 139980	VPH Cross Heat Exchanger
PMT 139981	LPH Feed Trim Preheater
PMT 139982	LPH Product Cooler
PMT 139983	LPH Catalyst Filter
PMT 139984	LPH Catalyst Filter
PMT 139985	Product Cooler
PMT 139986	Product Cooler
PMT 139987	Aldehyde Heavies Column
PMT 139988	AHC Make Pot
PMT 139989	Superheater Knock Out Pot
PMT 139990	VPH Feed Superheater

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 139991	VPH Reactor
PMT 139992	VPH Catchpot
PMT 139993	Lube Oil Cooler
PMT 139994	Lube Oil Cooler
PMT 139995	Lube Oil Filter
PMT 139996	Lube Oil Filter
PMT 139997	LPH Feed Preheater
PMT 139998	1 LPH Reactor
PMT 139999	2 LPH Reactor
PMT 140000	Purge Gas Chiller
PMT 140001	LPH Cross Heat Exchanger
PMT 140002	LPH Cross Heat Exchanger
PMT 140003	RC Cross Heat Exchanger
PMT 140004	RC Calandria
PMT 140005	BHC Condenser
PMT 140006	BHC Calandria
PMT 140007	BHC Tails Cooler
PMT 140008	RC Condenser
PMT 140009	N-Butanol Product Cooler
PMT 140010	IC Condenser
PMT 140011	IC Condenser
PMT 140012	Refining Column
PMT 140013	Isomer Column
PMT 140014	Isomer Column
PMT 140015	IC Calandria
PMT 140016	IC Make Decanter
PMT 140017	I-Butanol Product Cooler

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140018	Butanol Heavies Column
PMT 140019	BHC Make Pot
PMT 140020	Refining Recycle Pot
PMT 140021	Isomer Column Feed Tank
PMT 140022	N-Butanol Product Cooler
PMT 140023	Aldehyde Storage Tank
PMT 140024	Aldehyde Storage Tank
PMT 140025	Refining Column Feed Tank
PMT 140026	N-Butanol Derivatives Feed Tank
PMT 140027	I-Butanol Product Tank
PMT 140028	I-Butanol Loading Tank
PMT 140029	N-Butanol Unit Tank
PMT 140030	Incinerator Feed Tank
PMT 140031	Evaporative Cooler Package Bundle
PMT 140032	Evaporative Cooler Package Bundle
PMT 140033	Evaporative Cooler Package Bundle
PMT 140034	Evaporative Cooler Package Bundle
PMT 140035	Evaporative Cooler Package Bundle
PMT 140036	Evaporative Cooler Package Bundle
PMT 140037	Evaporative Cooler Package Bundle
PMT 140038	Evaporative Cooler Package Bundle
PMT 140039	Evaporative Cooler Package Bundle
PMT 140040	Evaporative Cooler Package Bundle
PMT 140041	Evaporative Cooler Package Bundle
PMT 140043	Evaporative Cooler Package Bundle
PMT 140044	Instrument Air Filter
PMT 140045	Instrument Air Filter

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140046	Expansion Tank
PMT 140047	Nitrogen Knock Out Pot
PMT 140048	Condensate Tank
PMT 140049	Condensate Cooler
PMT 140050	Elevated Water Seal Drum
PMT 140051	Pressure Filter
PMT 140052	Flare Knock Out Drum
PMT 140053	Derivatives Flare Knock Out Drum
PMT 140054	Byproduct Fuel Gas Knock Out Drum
PMT 140055	Byproduct Fuel Gas Heater
PMT 140056	Permeate Cooler
PMT 140057	Southern Heat Exchanger
PMT 140058	Membrane Unit Preheater
PMT 140059	Mist Eliminator
PMT 140060	Membrane Separator
PMT 140061	Membrane Separator
PMT 140062	Membrane Separator
PMT 140063	Membrane Separator
PMT 140064	Membrane Separator
PMT 140065	Membrane Separator
PMT 140066	Membrane Separator
PMT 140067	Membrane Separator
PMT 140068	Membrane Separator
PMT 140069	Membrane Separator
PMT 140070	Membrane Separator
PMT 140071	Membrane Separator

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140072	Membrane Separator
PMT 140073	Membrane Separator
PMT 140074	Membrane Separator
PMT 140075	Membrane Separator
PMT 140076	Membrane Separator
PMT 140077	Byproduct Fuel Heater
PMT 140078	270KW Regeneration Heater
PMT 140079	Non Permeate Cooler
PMT 140080	Warm Feed Separator
PMT 140081	Cold End Feed Separator
PMT 140082	Fuel Gas Separator
PMT 140083	Co/Ch4 Splitter Column
PMT 140084	Main Exchanger Warm
PMT 140085	Main Exchanger Cold
PMT 140086	C- Gas Filter No. 1
PMT 140087	C- Gas Filter No. 2
PMT 140088	Oil Separator
PMT 140089	Permeate Refrigeration Package HP Receiver
PMT 140090	Permeate Refrigeration Package Suction Trap
PMT 140091	Permeate Refrigeration Package Condenser
PMT 140092	Subcooler
PMT 140093	Permeate Refrigeration Package Oil Cooler
PMT 140094	Permeate Refrigeration Package Oil Filter
PMT 140095	Permeate Refrigeration Package Oil Filter
PMT 140096	Regeneration Filter
PMT 140097	Regeneration Filter
PMT 140098	Regeneration Heater

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140099	Damper
PMT 140100	Process Condensate Flash Tank
PMT 140101	Damper
PMT 140102	Damper
PMT 140103	Damper
PMT 140104	Damper
PMT 140105	Damper
PMT 140106	Interstage Cooler
PMT 140107	Interstage Cooler
PMT 140108	After Cooler Third Stage
PMT 140109	Damper
PMT 140110	Damper
PMT 140111	Damper
PMT 140112	Damper
PMT 140113	Damper
PMT 140114	Damper
PMT 140115	Inter Cooler First Stage
PMT 140116	After Cooler Second Stage
PMT 140117	After Cooler
PMT 140118	Damper
PMT 140119	Damper
PMT 140120	Damper
PMT 140121	Damper
PMT 140122	Inter Cooler First Stage
PMT 140123	After Cooler Second Stage
PMT 140124	Lube Oil Filter
PMT 140125	Lube Oil Filter

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140126	Seal Gas Filter
PMT 140127	Lube Oil Accumulator
PMT 140128	Lube Oil Duplex Cooler
PMT 140129	Lube Oil Duplex Cooler
PMT 140130	Lube Oil Reservoir
PMT 140131	Main Flare Knock Out Drum
PMT 140132	Disposal Vaporizer
PMT 140133	Crude Syngas Knock Out Pot
PMT 140134	Permeate Knock Out Pot
PMT 140135	TSA Dryer Vessel
PMT 140136	TSA Dryer Vessel
PMT 140137	TSA Dryer Vessel
PMT 140138	TSA Dryer Vessel
PMT 140139	Refrigeration Flash Tank
PMT 140140	Solution Feed Tank
PMT 140141	Refrigerant Flash Tank
PMT 140142	LPO Reactor
PMT 140143	LPO Deaerator
PMT 140144	Esters Refining Column
PMT 140145	ERC Calandria
PMT 140146	ERC Tails Cooler
PMT 140147	Organic Recovery Column
PMT 140148	ORC Tails Cooler
PMT 140149	ERC Condenser
PMT 140150	ERC Decanter
PMT 140151	ORC Condenser

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140152	Strip Tank
PMT 140153	NBAC Storage Tank
PMT 140154	NBAC Storage Tank
PMT 140155	ERC Accumulator
PMT 140156	ORC Accumulator
PMT 140157	Esters Reactor
PMT 140158	Esters Crude Column
PMT 140159	Esters Reactor Coil
PMT 140160	ECC Condenser
PMT 140161	ECC Decanter
PMT 140201	Vaporizer Catch Pot
PMT 140202	LPO Refrigeration Package Oil Separator
PMT 140203	Stripper Tails Cooler
PMT 140204	Vaporizer
PMT 140205	Seal Pot
PMT 140206	Seal Pot
PMT 140207	Seal Pot
PMT 140208	Vaporizer Condenser
PMT 140209	LPO Refrigeration Package Oil Filter
PMT 140210	LPO Refrigeration Package Oil Filter
PMT 140211	LPO Refrigeration Package HP Filter
PMT 140212	LPO Refrigeration Package Suction Trap
PMT 140215	LPO Reactor
PMT 140214	U-Tube Bundle
PMT 140216	Vaporizer Condenser Catch Pot
PMT 140217	Vaporizer Tails Cooler
PMT 140218	Shell & Tube Exchanger

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140219	Reactor Vent Condenser Knock Out Pot
PMT 140220	Tempered Water Surge Tank
PMT 140221	LPO Vent Condenser Pot
PMT 140222	Catalyst Mix Vessel
PMT 140223	Stripper Overhead Decanter
PMT 140224	Byproduct Liquid Decanter
PMT 140225	Stripper
PMT 140226	Shell & Tube Exchanger
PMT 140227	LPO Reactor
PMT 140228	LPO Vent Condenser
PMT 140229	Reactor Vent Condenser
PMT 140230	Refrigerated Reactor Vent Condenser
PMT 140231	LPO Reactor Cooler
PMT 140232	LPO Refrigeration Package Subcooler
PMT 140233	RC Condenser
PMT 140234	ECC Accumulator
PMT 140237	Crude Syngas Cooler
PMT 140260	OPE Reactor Heat Exchanger
PMT 140261	Surfactant Product Cooler
PMT 140262	PAE Surfactant Pre Filter
PMT 140263	First Intercondenser
PMT 140264	After Condenser
PMT 140265	PAE Reactor Heat Exchanger
PMT 140266	PAE Surfactant Pre Filter
PMT 140267	Intercondenser
PMT 140268	After Condenser
PMT 140269	OPE Reactor Tempered Water Heater

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140270	OPE Pre Condenser
PMT 140271	OPE Pre Condenser Tempered Water Heater
PMT 140272	PAE Reactor Pre Condenser
PMT 140273	Condenser Tempered Water Heater
PMT 140274	PAE Reactor Tempered Water Heater
PMT 140275	OPE Reactor
PMT 140276	Surfactant Aqueous Tank
PMT 140277	Propionic Acid Tank
PMT 140278	PAE Reactor
PMT 140279	OPE Reactor Tempered Cooler
PMT 140280	OPE Reactor Tempered Vessel
PMT 140281	Octylphenol Storage Tank
PMT 140282	Octylphenol Storage Tank
PMT 140283	Nonylphenol Storage Tank
PMT 140284	Nonylphenol Storage Tank
PMT 140285	PAE Reactor Tempered Water Cooler
PMT 140286	PAE Reactor Tempered Water Surge Vessel
PMT 140287	Acetic Acid Storage Tank
PMT 140289	Primary Alcohol Storage Tank
PMT 140290	Primary Alcohol Storage Tank
PMT 140291	Evaporative Cooler Package
PMT 140292	Evaporative Cooler Package
PMT 140293	Evaporative Cooler Package
PMT 140294	Evaporative Cooler Package
PMT 140295	Evaporative Cooler Package
PMT 140296	Evaporative Cooler Package
PMT 140297	NH3 Feed Tank

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140298	NH3 Recycle Tank
PMT 140299	MEA Product Filter
PMT 140300	LP Condensate Flash Tank
PMT 140301	ATM Condensate Flash Tank
PMT 140302	ATM Steam Condenser
PMT 140303	ATM Steam Condenser
PMT 140304	Cooling Water Expansion Tank
PMT 140305	DEA Make Tank
PMT 140306	DEA Make Tank
PMT 140307	TEA-99 Make Tank
PMT 140308	TEA-99 Make Tank
PMT 140309	Amine Recycle Tank
PMT 140310	NH3 Feed Heater
PMT 140311	TEA-99 Product Filter
PMT 140312	DEA Product Filters
PMT 140313	Reactor Inter Cooler
PMT 140314	Butanol Recovery Column
PMT 140315	Butanol Heater
PMT 140316	Butyl Glycol Ethers Reactor
PMT 140317	Vent Scrubber
PMT 140318	Recycle Tank
PMT 140319	Catalyst Feed Tank
PMT 140320	BRC Make Pot
PMT 140321	Catalyst Mix Tank
PMT 140322	Reactor Feed Preheater
PMT 140323	Ventheader Knock Out Pot
PMT 140324	Catalyst Mix Tank Filter

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140325	Catalyst Feed Tank Filter
PMT 140326	Catalyst Feed Tank Filter
PMT 140328	Reactor Safety Valve Separator
PMT 140329	Butyl Glycol Ethers Reactors
PMT 140330	BRC Dump Cooler
PMT 140331	Catalyst Mix Pot
PMT 140332	BRC Condenser
PMT 140333	Demineralized Water Heater
PMT 140334	Unit Nitrogen Knock Out Pot
PMT 140335	Butyl Cellosolve Storage Tank
PMT 140336	Butyl Cellosolve Storage Tank
PMT 140337	Butyl Carbitol Storage Tank
PMT 140338	Butyl Carbitol Storage Tank
PMT 140339	Storage Tank
PMT 140340	Storage Tank
PMT 140341	Miscellaneous Tank
PMT 140342	Ethanolamines Primary Reactor
PMT 140343	Adiabatic Reactor
PMT 140344	Vessel Suction Side
PMT 140345	Discharge Resonator For Reactor Feed Pump
PMT 140346	Butyl Cellosolve Column
PMT 140347	First Intercondenser
PMT 140348	After Condenser
PMT 140349	Butyl Carbitol Column
PMT 140350	First Intercondenser
PMT 140351	Second Intercondenser

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140352	After Condenser
PMT 140353	BUCB Tails Coolers
PMT 140354	Butoxytriglycol
PMT 140355	BTG Calandria
PMT 140356	First Intercondenser
PMT 140357	Second Intercondenser
PMT 140358	Third Intercondensor
PMT 140359	BTG Tails Cooler
PMT 140360	BUCS Calandria
PMT 140361	BUCS Condenser
PMT 140362	BUCB Calandria
PMT 140363	BUCB Internal Condenser
PMT 140364	BTG Internal Condenser
PMT 140365	BUCB Make Pot
PMT 140366	BTG Make Pot
PMT 140367	BTG Feed Surge Pot
PMT 140368	Residues Storage Tank
PMT 140369	Flash Tank
PMT 140370	Vaporiser
PMT 140371	Vaporiser
PMT 140372	Ammonia Condenser
PMT 140373	Ammonia Partial Condenser
PMT 140374	Ammonia Column
PMT 140375	Ammonia Column Calandria
PMT 140376	Ammonia Column Condenser
PMT 140377	First Stage Suction Pot
PMT 140378	NH3 Recovery Compressor

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140379	First Stage Inlet Supressor
PMT 140380	Second Stage Suction Pot
PMT 140381	Ammonia Recovery Compressor
PMT 140382	First Stage Discharge Supressor
PMT 140383	Third Stage Suction Pot
PMT 140385	Second Stage Inlet Supressor
PMT 140386	Fourth Stage Suction Pot
PMT 140387	Lube Oil Cooler
PMT 140388	Second Stage Discharge Supressor
PMT 140389	Third Stage Inlet Supressor
PMT 140390	Third Stage Discharge Supressor
PMT 140391	Fourth Stage Inlet Separator
PMT 140392	Fourth Stage Discharge Supressor
PMT 140393	MEA Column
PMT 140394	MEA Column Calandria
PMT 140395	MEA Column Vent Condenser
PMT 140396	MEA Column Vacum Jet System
PMT 140397	Second Intercondenser
PMT 140398	After Condenser
PMT 140399	MEA Product Cooler
PMT 140400	DEA Column
PMT 140401	DEA Column Calandria
PMT 140402	First Intercondenser
PMT 140403	Second Intercondenser
PMT 140404	After Condenser
PMT 140405	DEA Product Cooler

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140406	TEA Column
PMT 140407	TEA Column Calandria
PMT 140408	TEA Column Condenser
PMT 140409	TEA Column Vacuum Jet System
PMT 140410	TEA Column Vacuum Jet System
PMT 140411	After Condenser
PMT 140412	TEA-99 Product Cooler
PMT 140413	Batch Still Column
PMT 140414	Spiral Heat Exchanger
PMT 140415	Batch Still Condenser Accumulator
PMT 140416	Batch Still Base
PMT 140417	Residue Cooler
PMT 140418	Residue Tank
PMT 140419	Flash Tank
PMT 140420	Partial Condenser Flash Pot
PMT 140421	MEA Column Condenser
PMT 140422	DEA Column Condenser
PMT 140423	EOA Condensate Tank
PMT 140424	Flare Knock Out Pot
PMT 140425	Sales Natural Gas Knock Out Pot
PMT 140426	OPE Tempered Water Cooler
PMT 140427	PAE Reactor Tempered Water Cooler
PMT 140439	Carbowax Reactor Heat Exchanger
PMT 140441	Carbowax Polishing Filter
PMT 140442	Filter
PMT 140443	Filter
PMT 140444	Carbowax Reactor Heater

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
PMT 140445	Carbowax Reactor Precondenser
PMT 140446	Carbowax Precondenser Heater
PMT 140447	First Intercondenser
PMT 140448	After Condenser
PMT 140449	Carbowax Reactor
PMT 140450	Carbowax Hold Tank
PMT 140451	Carbowax Filter Feed Tank
PMT 140452	Carbowax Precoat Tank
PMT 140453	Carbowax Product Tank
PMT 140454	Carbowax Reactor
PMT 140455	Carbowax Reactor Vessel
PMT 140456	BRC Condenser
PMT 140457	BRC Condenser
PMT 140458	BRC Condenser
PMT 140463	BEU Gas Cooler
PMT 140464	Seal Pot
PMT 140465	LPO Refrigerated Package Condenser
PMT 140466	LPO REF Package Oil Cooler
PMT 140467	Stripper Condenser
TG PMT 220	UCON Reactor
TG PMT 221	UCON Reactor Catalyst Addition Pot
TG PMT 222	Starter Tank
TG PMT 223	Starter Tank
TG PMT 224	Tank
TG PMT 225	UCON Reactor Tempered Water Cooler
TG PMT 226	UCON Reactor Tempered Water Surge Vessel
TG PMT 227	UCON Blend Tank

(1)	(2)
<i>Registration No.</i>	<i>Description of Unfired Pressure Vessels</i>
TG PMT 228	Starter
TG PMT 229	Magnesol Treatment Tank
TG PMT 230	Precoat/Magnesol Addition Tank
TG PMT 231	Phosporic Acid Tank
TG PMT 232	Ucon Reactor Heat Exchanger
TG PMT 233	UCON Reactor Tempered Water Heater
TG PMT 234	Oxide Flare Knock Out Pot
TG PMT 235	UCON Product Cooler
TG PMT 236	KOH Tank
TG PMT 237	Magnesol Polishing Filter
TG PMT 239	Intercondenser
TG PMT 241	High Integrity Nitrogen Knock Out
TG PMT 242	After Condenser
TG PMT 243	NAOH Tank
TG PMT 317	NAOH Tank Coil
TG PMT 720	Cooler
TG PMT 880	Amonia Compressor Purge Pot

Made 5 May 2011

[KSM/PUU/T/01/02/03 Jld. 14; PN(PU2)235/XXIX]

DATUK DR. S. SUBRAMANIAM A/L K.V. SATHASIVAM  
*Minister of Human Resources*