



13 Mac 2013  
13 March 2013  
P.U. (A) 90

WARTA KERAJAAN PERSEKUTUAN

*FEDERAL GOVERNMENT  
GAZETTE*

PERINTAH KILANG DAN JENTERA (PENGECCUALIAN  
KEPADA BASF PETRONAS CHEMICALS SDN. BHD.,  
GEBENG, PAHANG) 2013

*FACTORIES AND MACHINERY (EXEMPTION TO BASF  
PETRONAS CHEMICALS SDN. BHD., GEBENG, PAHANG)  
ORDER 2013*



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AKTA KILANG DAN JENTERA 1967

PERINTAH KILANG DAN JENTERA (PENGECUALIAN KEPADA BASF PETRONAS  
CHEMICALS SDN. BHD., GEBENG, PAHANG) 2013

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 BASF Petronas Chemicals Sdn. Bhd., Gebeng, Pahang) 2013.**

**Pengecualian**

2. Semua dandang stim dan bejana tekanan tidak berapi yang didaftarkan dengan Ketua Pemeriksa, dengan nombor pendaftaran dan perihalan yang dinyatakan dalam ruang (1) dan (2) Jadual, atas nama BASF Petronas Chemicals Sdn. Bhd., Gebeng, Pahang yang telah dikeluarkan perakuan kelayakan, dikecualikan daripada persediaan yang dikehendaki di bawah perenggan 17(*a*) dan (*b*) Peraturan-Peraturan (Pemberitahu, Perakuan Kelayakan dan Pemeriksaan) Kilang dan Jentera 1970 [*P.U. (A) 43/1970*] bagi pemeriksaan ulangan yang berikutnya selepas habis tempoh perakuan kelayakan itu sebagaimana yang dinyatakan dalam ruang (3) Jadual.

**Syarat pengecualian**

3. Pengecualian di bawah perenggan 2 tertakluk kepada syarat bahawa semua dandang stim dan 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)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PH PMT 1728	Gelendong Penyahkabus ORP	15 Julai 2012
PH PMT 1729	Penukar Haba Jenis Plat	15 Julai 2012
PMT 129012	Penerima Udara	15 Julai 2012
PMT 129138	Penukar Haba Larutan	15 Julai 2012
PMT 129175	Tangki Air Bilasan	15 Julai 2012
PMT 129474	Bejana Penimbal Pernafasan Udara	15 Julai 2012
PMT 129515	Gelendong Air Bilasan	15 Julai 2012
PMT 129517	Gelendong Air Bilasan	15 Julai 2012
PMT 129608	Penapis	15 Julai 2012
PMT 129610	Penapis	15 Julai 2012
PMT 129786	Gelendong Udara	15 Julai 2012
PMT 129787	Penapis O-Xilena	24 Oktober 2012
PMT 129788	Penapis O-Xilena	24 Oktober 2012
PMT 129842	Tangki Cecair Busa	24 Oktober 2012
PMT 129848	Penyaring Jenis 'B'	24 Oktober 2012
PMT 129934	Turas Beg	24 Oktober 2012
PMT 129935	Turas Beg	24 Oktober 2012
PMT 130200	Tangki Penerima Udara	24 Oktober 2012
PMT 130201	Tangki Air Bilasan	24 Oktober 2012
PMT 130202	Tangki Penumpuk	24 Oktober 2012
PH PMT 839	Pemeluwap Kilat 2EH	26 Oktober 2012
PH PMT 1057	Penimbal Tangki Simpanan Gas OXO	26 Oktober 2012
PH PMT 1058	Pemeluwap Trim OH	26 Oktober 2012
PH PMT 1059	Pemeluwap Kilat	26 Oktober 2012
PH PMT 1060	Pemeluwap Atas	26 Oktober 2012
PH PMT 1061	Pemeluwap Pengeluaran Sisi	26 Oktober 2012
PH PMT 2774	Menara Perlucutan Aldehyd	26 Oktober 2012
PH PMT 2830	Penyejuk Gas Terbentuk Semula	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PH PMT 2831	Penukar Haba	26 Oktober 2012
PH PMT 2829	Pemeluwap Kilat N-Butanol	26 Oktober 2012
PH PMT 3115	Penukar Haba Kelompok dan Tiub	26 Oktober 2012
PMD 15337	Gelendong Stim	26 Oktober 2012
PMD 15338	Dandang Gas Bahan Api	26 Oktober 2012
PMT 129085	Pendingin Gas Peringkat Pertama	26 Oktober 2012
PMT 129086	Pendingin Gas Peringkat Kedua	26 Oktober 2012
PMT 129087	Pendingin Gas Pirau	26 Oktober 2012
PMT 129088	Pendingin Minyak Kembar	26 Oktober 2012
PMT 129089	Pendingin Minyak Kembar	26 Oktober 2012
PMT 129090	Penapis Minyak Kembar	26 Oktober 2012
PMT 129091	Penapis Minyak Kembar	26 Oktober 2012
PMT 129092	Penyenyap Tekanan-Sisi Sedutan	26 Oktober 2012
PMT 129093	Penyenyap Tekanan-Sisi Luahan	26 Oktober 2012
PMT 129094	Pendingin Hidrogen Peringkat Pertama	26 Oktober 2012
PMT 129095	Pendingin Hidrogen Peringkat Kedua	26 Oktober 2012
PMT 129096	Pendingin Minyak	26 Oktober 2012
PMT 129097	Peredam Denyut Sedutan Peringkat Pertama	26 Oktober 2012
PMT 129098	Peredam Denyut Luahan Peringkat Pertama	26 Oktober 2012
PMT 129099	Peredam Denyut Sedutan Peringkat Kedua	26 Oktober 2012
PMT 129100	Peredam Denyut Luahan Peringkat Kedua	26 Oktober 2012
PMT 129101	Pendingin Hidrogen Peringkat Pertama	26 Oktober 2012
PMT 129102	Pendingin Hidrogen Peringkat Kedua	26 Oktober 2012
PMT 129103	Pendingin Minyak	26 Oktober 2012
PMT 129104	Peredam Denyut Sedutan Peringkat Pertama	26 Oktober 2012
PMT 129105	Peredam Denyut Luahan Peringkat Pertama	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129106	Peredam Denyut Sedutan Peringkat Kedua	26 Oktober 2012
PMT 129107	Peredam Denyut Luahan Peringkat Kedua	26 Oktober 2012
PMT 129108	Pendingin Hidrogen Peringkat Pertama	26 Oktober 2012
PMT 129109	Pendingin Hidrogen Peringkat Kedua	26 Oktober 2012
PMT 129110	Pendingin Minyak	26 Oktober 2012
PMT 129111	Peredam Denyut Sedutan Peringkat Pertama	26 Oktober 2012
PMT 129112	Peredam Denyut Luahan Peringkat Pertama	26 Oktober 2012
PMT 129113	Peredam Denyut Sedutan Peringkat Kedua	26 Oktober 2012
PMT 129114	Peredam Denyut Luahan Peringkat Kedua	26 Oktober 2012
PMT 129115	Pendingin Gas Peringkat Pertama	26 Oktober 2012
PMT 129116	Pendingin Gas Peringkat Kedua	26 Oktober 2012
PMT 129117	Pendingin Gas Peringkat Ketiga	26 Oktober 2012
PMT 129118	Penapis Minyak Kembar	26 Oktober 2012
PMT 129119	Penapis Minyak Kembar	26 Oktober 2012
PMT 129120	Penyenyap Tekanan-Sisi Sedutan	26 Oktober 2012
PMT 129121	Penyenyap Tekanan-Sisi Pemampat	26 Oktober 2012
PMT 129122	Penapis Minyak Kembar	26 Oktober 2012
PMT 129123	Penapis Minyak Kembar	26 Oktober 2012
PMT 129127	Pemanas Lampau Stim	26 Oktober 2012
PMT 129128	Pemanas Lampau Stim	26 Oktober 2012
PMT 129129	Pemanas Lampau Stim	26 Oktober 2012
PMT 129130	Pemanas Lampau Suapan/Stim	26 Oktober 2012
PMT 129131	Pemanas Lampau Suapan/Stim	26 Oktober 2012
PMT 129132	Penapis Larutan	26 Oktober 2012
PMT 129133	Penapis Perpaipan Sebaris	26 Oktober 2012
PMT 129134	Penapis Perpaipan Sebaris	26 Oktober 2012
PMT 129135	Pendingin Tiup Turun	26 Oktober 2012
PMT 129136	Pendingin Tiup Turun	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129137	Pemeluwap Gas Masam	26 Oktober 2012
PMT 129139	Gelendong Ketuk Keluar Karbon Dioksida/Pemisah Gas Tegak	26 Oktober 2012
PMT 129140	Tangki Air Suapan Dandang	26 Oktober 2012
PMT 129141	Tangki Air Suapan Dandang	26 Oktober 2012
PMT 129143	Prapemanas Gas Asli	26 Oktober 2012
PMT 129144	Prapemanas Air Suapan Dandang	26 Oktober 2012
PMT 129146	Pendingin Pemula	26 Oktober 2012
PMT 129147	Prapemanas Air Suapan Dandang	26 Oktober 2012
PMT 129148	Prapemanas Air Ternyah Mineral	26 Oktober 2012
PMT 129149	Pengulang Didih Gas	26 Oktober 2012
PMT 129150	Pengulang Didih Stim	26 Oktober 2012
PMT 129151	Pendingin Larutan	26 Oktober 2012
PMT 129152	Pendingin Udara Larutan	26 Oktober 2012
PMT 129163	Gelendong Gas Ekor	26 Oktober 2012
PMT 129164	Pemisah Gas Pemulih	26 Oktober 2012
PMT 129165	Pemisah Pemula	26 Oktober 2012
PMT 129166	Pemisah Gas Permuh	26 Oktober 2012
PMT 129167	Pemisah	26 Oktober 2012
PMT 129168	Pemisah Pemula	26 Oktober 2012
PMT 129169	Pemisah Gas Terbentuk Semula	26 Oktober 2012
PMT 129170	Pemisah Gas Synthesis	26 Oktober 2012
PMT 129171	Vesel Refluks	26 Oktober 2012
PMT 129172	Penyerap	26 Oktober 2012
PMT 129173	Kilat-Lp/Pelucut	26 Oktober 2012
PMT 129212	Gelendong Kedap Ketuk Keluar	26 Oktober 2012
PMT 129215	Pendingin Lanjut	26 Oktober 2012
PMT 129216	Pendingin Gas Peringkat Keempat	26 Oktober 2012
PMT 129311	Penapis Hidro N-Butanol	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129312	Penapis Hidro N-Butanol	26 Oktober 2012
PMT 129314	Reaktor Hidro N-Butiraldehid	26 Oktober 2012
PMT 129316	Pemeluwap T-2460 OH	26 Oktober 2012
PMT 129317	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129318	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129319	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129320	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129321	Reaktor N-Butiraldehid	26 Oktober 2012
PMT 129323	Penapis Hidro N-Butanol	26 Oktober 2012
PMT 129324	Penapis Hidro N-Butanol	26 Oktober 2012
PMT 129325	Penyejat Filem Jatuhan T-2460	26 Oktober 2012
PMT 129326	Pendingin Bawah T-2460	26 Oktober 2012
PMT 129328	Pemanas Pemula Penghidrogenan N-Butiraldehid	26 Oktober 2012
PMT 129329	Pengulang Didih T-2440	26 Oktober 2012
PMT 129420	Dandang Haba Sisa Gas Terbentuk Semula	26 Oktober 2012
PMT 129421	Berkas Pengulang Didih	26 Oktober 2012
PMT 129466	Pendingin Minyak	26 Oktober 2012
PMT 129467	Pendingin Minyak	26 Oktober 2012
PMT 129468	Pendingin Pirau C-2105	26 Oktober 2012
PMT 129469	Pendingin Mampat C-2125	26 Oktober 2012
PMT 129470	Pendingin Pirau C-2131	26 Oktober 2012
PMT 129471	Penukar Haba	26 Oktober 2012
PMT 129473	Pendingin Etil-Heksanol	26 Oktober 2012
PMT 129476	Gelendong Atas R-2100	26 Oktober 2012
PMT 129477	Pemisah Sedutan C-2105	26 Oktober 2012
PMT 129478	Gelendong Pemeluwap Atas T-2110	26 Oktober 2012
PMT 129479	Gelendong Kilat	26 Oktober 2012
PMT 129480	Pemisah Produk	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129481	Pemisah Saliran	26 Oktober 2012
PMT 129482	Gelendong Atas	26 Oktober 2012
PMT 129483	Gelendong	26 Oktober 2012
PMT 129484	Gelendong	26 Oktober 2012
PMT 129485	Gelendong	26 Oktober 2012
PMT 129486	Gelendong	26 Oktober 2012
PMT 129487	Gelendong	26 Oktober 2012
PMT 129488	Gelendong Kilat Atas T-2220	26 Oktober 2012
PMT 129489	Gelendong Ketuk Keluar	26 Oktober 2012
PMT 129490	Gelendong Produk Sisi T-2220	26 Oktober 2012
PMT 129491	Gelendong	26 Oktober 2012
PMT 129492	Gelendong Pemeluwap Atas T-2230	26 Oktober 2012
PMT 129493	Penimbal Natrium Hidroksida	26 Oktober 2012
PMT 129494	Gelendong	26 Oktober 2012
PMT 129495	Gelendong	26 Oktober 2012
PMT 129496	Gelendong Hidrogen 2-Etil-Heksanol	26 Oktober 2012
PMT 129497	Gelendong Penyahgas 2-Etil-Heksanol	26 Oktober 2012
PMT 129498	Gelendong Atas T-2340	26 Oktober 2012
PMT 129499	Gelendong Atas T-2350	26 Oktober 2012
PMT 129500	Gelendong Atas T-2360	26 Oktober 2012
PMT 129501	Gelendong Hidro N-BA	26 Oktober 2012
PMT 129502	Gelendong Kilat Hidro N-BA	26 Oktober 2012
PMT 129503	Gelendong Pemisah Refluks T-2240	26 Oktober 2012
PMT 129504	Gelendong Refluks T-2450	26 Oktober 2012
PMT 129505	Gelendong Atas T-2460	26 Oktober 2012
PMT 129506	Gelendong Kitar Semula Hidro ISO-Butiraldehid	26 Oktober 2012
PMT 129507	Gelendong Hidro ISO- Butiraldehid	26 Oktober 2012
PMT 129508	Gelendong Atas T-2540	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129509	Gelendong Atas T-2550	26 Oktober 2012
PMT 129510	Gelendong Peluwap	26 Oktober 2012
PMT 129511	Gelendong Peluwap	26 Oktober 2012
PMT 129512	Gelendong Peluwap	26 Oktober 2012
PMT 129513	Gelendong	26 Oktober 2012
PMT 129514	Gelendong	26 Oktober 2012
PMT 129519	Gelendong Kilat	26 Oktober 2012
PMT 129520	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129521	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129522	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129523	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129524	Pemanas Pemula	26 Oktober 2012
PMT 129525	Pendingin Bawah T-2110	26 Oktober 2012
PMT 129526	Pendingin Cecair Basuhan	26 Oktober 2012
PMT 129527	Pemeluwap Atas T-2110	26 Oktober 2012
PMT 129528	Prapemanas Kilat	26 Oktober 2012
PMT 129529	Pemanas Suapan T-2121	26 Oktober 2012
PMT 129530	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129531	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129532	Prapemanas Suapan T-2130	26 Oktober 2012
PMT 129533	Pengulang Didih T-2130	26 Oktober 2012
PMT 129534	Pemeluwap Atas T-2130	26 Oktober 2012
PMT 129535	Pengulang Didih T-2133	26 Oktober 2012
PMT 129537	Pendingin Bawah T-2130	26 Oktober 2012
PMT 129538	Pemanas	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129539	Pemeluwap	26 Oktober 2012
PMT 129540	Pendingin	26 Oktober 2012
PMT 129541	Pendingin	26 Oktober 2012
PMT 129542	Penukar Silang Pengulang Didih T-2220	26 Oktober 2012
PMT 129543	Penukar Silang Pengulang Didih T-2220	26 Oktober 2012
PMT 129545	Pengulang Didih Stim T-2220	26 Oktober 2012
PMT 129546	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129547	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129548	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129549	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129550	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129551	Berkas Tiub Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129552	Pemeluwap Trim Atas T-2220	26 Oktober 2012
PMT 129553	Pendingin IBA	26 Oktober 2012
PMT 129554	Pemeluwap Pengeluaran Sisi T-2220	26 Oktober 2012
PMT 129555	Pendingin Trim Pengeluaran Sisi T-2220	26 Oktober 2012
PMT 129556	Pemeluwap Trim Atas T-2220	26 Oktober 2012
PMT 129557	Penyejat Filem Jatuhan T-2230	26 Oktober 2012
PMT 129558	Pemeluwap Atas T-2230	26 Oktober 2012
PMT 129559	Pendingin Bawah T-2230	26 Oktober 2012
PMT 129560	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129561	Penukar Haba	26 Oktober 2012
PMT 129562	Pendingin	26 Oktober 2012
PMT 129563	Prapemanas Hidro 2-Etil-Heksanol	26 Oktober 2012
PMT 129564	Pemeluwap Bolong 2-Etil-Heksanol	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129565	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129566	Pemeluwap Kilat 2-Etil-Heksanol	26 Oktober 2012
PMT 129567	Pendingin	26 Oktober 2012
PMT 129568	Pengulang Didih	26 Oktober 2012
PMT 129569	Pemeluwap Pendahulu 2-Etil-Heksanol	26 Oktober 2012
PMT 129571	Pemeluwap Kemasan 2-Etil-Heksanol	26 Oktober 2012
PMT 129573	Penukar	26 Oktober 2012
PMT 129574	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129576	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129578	Pemanas Pemula I-BOL	26 Oktober 2012
PMT 129579	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129583	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129584	Pengulang Didih E-2550	26 Oktober 2012
PMT 129585	Pemeluwap Atas T-2550	26 Oktober 2012
PMT 129586	Pendingin Pengeluaran Sisi T-2550	26 Oktober 2012
PMT 129588	Pendingin Pirau P-2621	26 Oktober 2012
PMT 129589	Pendingin Pirau P-2625	26 Oktober 2012
PMT 129590	Penukar Haba Terdingin Udara	26 Oktober 2012
PMT 129591	Penapis Produk Hidrogen 2-Etil-Heksanol	26 Oktober 2012
PMT 129592	Penapis Produk Hidrogen 2-Etil-Heksanol	26 Oktober 2012
PMT 129593	Penapis Produk Hidrogen 2-Etil-Heksanol	26 Oktober 2012
PMT 129594	Penapis Produk Hidrogen 2-Etil-Heksanol	26 Oktober 2012
PMT 129595	Penapis Produk Iso-Butanol	26 Oktober 2012
PMT 129596	Penapis Produk Iso-Butanol	26 Oktober 2012
PMT 129597	Penapis Produk Iso-Butanol	26 Oktober 2012
PMT 129598	Penapis Produk Iso-Butanol	26 Oktober 2012
PMT 129599	Reaktor Sintesis	26 Oktober 2012
PMT 129600	Reaktor	26 Oktober 2012
PMT 129601	Reaktor 1 Hidro 2 Ehxenal	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal dan Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129602	Reaktor Hidro 2 Ehxenal	26 Oktober 2012
PMT 129603	Reaktor Hidro 2 Ehxenal	26 Oktober 2012
PMT 129604	Reaktor Hidro I-BOL	26 Oktober 2012
PMT 129607	Pendingin Air Garam	26 Oktober 2012
PMT 129609	Penapis	26 Oktober 2012
PMT 129611	Penapis	26 Oktober 2012
PMT 129612	Penyaring Jenis B	26 Oktober 2012
PMT 129613	Menara Penyulingan Aldehid	26 Oktober 2012
PMT 129614	Menara Basuh	26 Oktober 2012
PMT 129616	Menara Penyahgas	26 Oktober 2012
PMT 129617	Menara	26 Oktober 2012
PMT 129618	Menara Berat Aldehid	26 Oktober 2012
PMT 129619	Menara Pendahulu 2-Etil-Heksanol	26 Oktober 2012
PMT 129620	Menara Kemasan 2-Etil-Heksanol	26 Oktober 2012
PMT 129621	Menara Berat 2-Etil-Heksanol	26 Oktober 2012
PMT 129622	Menara Pendahulu N-Butanol	26 Oktober 2012
PMT 129623	Menara Kemasan Butanol	26 Oktober 2012
PMT 129624	Menara Berat N-Butanol	26 Oktober 2012
PMT 129625	Menara Pendahulu I-BOL	26 Oktober 2012
PMT 129626	Menara Kemasan I-BOL	26 Oktober 2012
PMT 129639	Gelendong Pendinginan	26 Oktober 2012
PMT 129640	Gelendong Peluwap	26 Oktober 2012
PMT 129641	Gelendong Kilat	26 Oktober 2012
PMT 129642	Penyahudara	26 Oktober 2012
PMT 129652	Pemeluwap	26 Oktober 2012
PMT 129678	Gelendong Pusuan Sedutan Pertama	26 Oktober 2012
PMT 129679	Gelendong Pusuan Luahan Pertama	26 Oktober 2012
PMT 129682	Gelendong Pusuan Sedutan Kedua	26 Oktober 2012
PMT 129684	Gelendong Pusuan Luahan Kedua	26 Oktober 2012

(1)	(2)	(3)
<i>No. Pendaftaran</i>	<i>Perihal Dandang Stim dan Bejana Tekanan Tidak Berapi</i>	<i>Tarikh Habis Tempoh</i>
PMT 129785	Vesel Pemisah	26 Oktober 2012
PMT 129838	Gelendong Pusuan Sedutan	26 Oktober 2012
PMT 129839	Gelendong Pusuan Luahan	26 Oktober 2012
PMT 129840	Tangki Pemisah	26 Oktober 2012
PMT 129843	Penapis Minyak	26 Oktober 2012
PMT 129844	Penapis Minyak	26 Oktober 2012
PMT 129845	Pemisah Minyak	26 Oktober 2012
PMT 129849	Pemeluwap	26 Oktober 2012
PMT 129910	Penukar Silang Pengulang Didih T-2220	26 Oktober 2012
PMT 129915	Pengulang Didih Kemasan 2-Etil-Heksanol T-2350	26 Oktober 2012
PMT 129946	Pemisah Cecair	26 Oktober 2012
PMT 129947	Penukar Haba	26 Oktober 2012
PMT 130191	Pemanas Air Suapan Dandang	26 Oktober 2012

Dibuat 8 Mac 2013  
 [KSM/PUU/T/01/02/03 JLD.20; PN(PU2)235/XXXV]

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

FACTORIES AND MACHINERY ACT 1967

FACTORIES AND MACHINERY (EXEMPTION TO BASF PETRONAS CHEMICALS SDN.  
BHD., GEBENG, PAHANG) ORDER 2013

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 BASF Petronas Chemicals Sdn. Bhd., Gebeng, Pahang) Order 2013**.

**Exemption**

2. All steam boilers and unfired pressure vessels registered with the Chief Inspector, with the registration number and description as specified in columns (1) and (2) of the Schedule, in the name of BASF Petronas Chemicals Sdn. Bhd., Gebeng, Pahang which have been issued with certificates of fitness, are exempted from the preparation required under paragraphs 17(*a*) and (*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 as specified in column (3) of the Schedule.

**Condition of exemption**

3. The exemption under paragraph 2 is subject to the conditions that all of the steam boilers and unfired pressure vessels as specified in the Schedule undergo external inspection and non-destructive tests, and the Inspector is satisfied with the result of such inspection and tests.

## SCHEDULE

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PH PMT 1728	ORP Demister Drum	15 July 2012
PH PMT 1729	Plate Type Heat Exchanger	15 July 2012
PMT 129012	Air Receiver	15 July 2012
PMT 129138	Solution Heat Exchanger	15 July 2012
PMT 129175	Slop Tank	15 July 2012
PMT 129474	Breathing Air Buffer Vessel	15 July 2012
PMT 129515	Slop Drum	15 July 2012
PMT 129517	Slop Drum	15 July 2012
PMT 129608	Filter	15 July 2012
PMT 129610	Filter	15 July 2012
PMT 129786	Drum Air	15 July 2012
PMT 129787	O-Xylene Filter	24 October 2012
PMT 129788	O-Xylene Filter	24 October 2012
PMT 129842	Foam Liquid Tank	24 October 2012
PMT 129848	B-Type Strainer	24 October 2012
PMT 129934	Bag Filter	24 October 2012
PMT 129935	Bag Filter	24 October 2012
PMT 130200	Air Receiver Tank	24 October 2012
PMT 130201	Slop Tank	24 October 2012
PMT 130202	Accumulator Tank	24 October 2012
PH PMT 839	2EH Flash Condenser	26 October 2012
PH PMT 1057	OXO Gas Buffer Storage Tank	26 October 2012
PH PMT 1058	OH Trim Condenser	26 October 2012
PH PMT 1059	Flash Condenser	26 October 2012
PH PMT 1060	Overhead Condenser	26 October 2012
PH PMT 1061	Side Production Condenser	26 October 2012
PH PMT 2774	Aldehyde Stripping Tower	26 October 2012
PH PMT 2830	Reformed Gas Cooler	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PH PMT 2831	Heat Exchanger	26 October 2012
PH PMT 2829	N-Butanol Flash Condenser	26 October 2012
PH PMT 3115	Shell and Tube Heat Exchanger	26 October 2012
PMD 15337	Steam Drum	26 October 2012
PMD 15338	Fuel Gas Boiler	26 October 2012
PMT 129085	Gas Cooler First Stage	26 October 2012
PMT 129086	Gas Cooler Second Stage	26 October 2012
PMT 129087	Gas Cooler Bypass	26 October 2012
PMT 129088	Double Oil Cooler	26 October 2012
PMT 129089	Double Oil Cooler	26 October 2012
PMT 129090	Double Oil Filter	26 October 2012
PMT 129091	Double Oil Filter	26 October 2012
PMT 129092	Pressure Silencer-Suction Side	26 October 2012
PMT 129093	Pressure Silencer-Discharge Side	26 October 2012
PMT 129094	Hydrogen Cooler First Stage	26 October 2012
PMT 129095	Hydrogen Cooler Second Stage	26 October 2012
PMT 129096	Oil Cooler	26 October 2012
PMT 129097	Pulsating Damper First Stage Suction	26 October 2012
PMT 129098	Pulsating Damper First Stage Discharge	26 October 2012
PMT 129099	Pulsating Damper Second Stage Suction	26 October 2012
PMT 129100	Pulsating Damper Second Stage Discharge	26 October 2012
PMT 129101	Hydrogen Cooler First Stage	26 October 2012
PMT 129102	Hydrogen Cooler First Stage	26 October 2012
PMT 129103	Oil Cooler	26 October 2012
PMT 129104	Pulsating Damper First Stage Suction	26 October 2012
PMT 129105	Pulsating Damper First Stage Discharge	26 October 2012
PMT 129106	Pulsating Damper Second Stage Suction	26 October 2012
PMT 129107	Pulsating Damper Second Stage Discharge	26 October 2012
PMT 129108	Hydrogen Cooler First Stage	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PMT 129109	Hydrogen Cooler Second Stage	26 October 2012
PMT 129110	Oil Cooler	26 October 2012
PMT 129111	Pulsating Damper First Stage Suction	26 October 2012
PMT 129112	Pulsating Damper First Stage Discharge	26 October 2012
PMT 129113	Pulsating Damper Second Stage Suction	26 October 2012
PMT 129114	Pulsating Damper Second Stage Discharge	26 October 2012
PMT 129115	Gas Cooler First Stage	26 October 2012
PMT 129116	Gas Cooler Second Stage	26 October 2012
PMT 129117	Gas Cooler Third Stage	26 October 2012
PMT 129118	Double Oil Filter	26 October 2012
PMT 129119	Double Oil Filter	26 October 2012
PMT 129120	Pressure Silencer-Suction Side	26 October 2012
PMT 129121	Pressure Silencer-Compressor Side	26 October 2012
PMT 129122	Double Oil Filter	26 October 2012
PMT 129123	Double Oil Filter	26 October 2012
PMT 129127	Steam Superheater	26 October 2012
PMT 129128	Steam Superheater	26 October 2012
PMT 129129	Steam Superheater	26 October 2012
PMT 129130	Feed/Steam Superheater	26 October 2012
PMT 129131	Feed/Steam Superheater	26 October 2012
PMT 129132	Solution Filter	26 October 2012
PMT 129133	Piping Inline Filter	26 October 2012
PMT 129134	Piping Inline Filter	26 October 2012
PMT 129135	Blow Down Cooler	26 October 2012
PMT 129136	Blow Down Cooler	26 October 2012
PMT 129137	Sour Gas Condenser	26 October 2012
PMT 129139	Carbon Dioxide Knock Out Drum /Vertical Gas Separator	26 October 2012
PMT 129140	Boiler Feed Water Tank	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PMT 129141	Boiler Feed Water Tank	26 October 2012
PMT 129143	Natural Gas Preheaters	26 October 2012
PMT 129144	Boiler Feed Water Preheater	26 October 2012
PMT 129146	Start-Up Cooler	26 October 2012
PMT 129147	Boiler Feed Water Preheater	26 October 2012
PMT 129148	Demineralised Water Preheater	26 October 2012
PMT 129149	Gas Reboiler	26 October 2012
PMT 129150	Steam Reboiler	26 October 2012
PMT 129151	Solution Cooler	26 October 2012
PMT 129152	Solution Air Cooler	26 October 2012
PMT 129163	Tail Gas Drum	26 October 2012
PMT 129164	Reformer Gas Separator	26 October 2012
PMT 129165	Start-Up Separator	26 October 2012
PMT 129166	Reformer Gas Separator	26 October 2012
PMT 129167	Separator	26 October 2012
PMT 129168	Start-Up Separator	26 October 2012
PMT 129169	Reformed Gas Separator	26 October 2012
PMT 129170	Synthesis Gas Separator	26 October 2012
PMT 129171	Reflux Vessel	26 October 2012
PMT 129172	Absorber	26 October 2012
PMT 129173	Lp-Flash/Stripper	26 October 2012
PMT 129212	Knock Out Seal Drum	26 October 2012
PMT 129215	After Cooler	26 October 2012
PMT 129216	Gas Cooler Fourth Stage	26 October 2012
PMT 129311	N-Butanol Hydro Filter	26 October 2012
PMT 129312	N-Butanol Hydro Filter	26 October 2012
PMT 129314	N-Butyraldehyde Hydro Reactor	26 October 2012
PMT 129316	T-2460 OH Condenser	26 October 2012
PMT 129317	Air Cooled Heat Exchanger	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PMT 129318	Air Cooled Heat Exchanger	26 October 2012
PMT 129319	Air Cooled Heat Exchanger	26 October 2012
PMT 129320	Air Cooled Heat Exchanger	26 October 2012
PMT 129321	N-Butyraldehyde Reactor	26 October 2012
PMT 129323	N-Butanol Hydro Filter	26 October 2012
PMT 129324	N-Butanol Hydro Filter	26 October 2012
PMT 129325	T-2460 Falling Film Evaporator	26 October 2012
PMT 129326	T-2460 Bottom Cooler	26 October 2012
PMT 129328	N-Butyraldehyde Hydrogenation Start-Up Heater	26 October 2012
PMT 129329	T-2440 Reboiler	26 October 2012
PMT 129420	Reformed Gas Waste Heat Boiler	26 October 2012
PMT 129421	Reboiler Bundle	26 October 2012
PMT 129466	Oil Cooler	26 October 2012
PMT 129467	Oil Cooler	26 October 2012
PMT 129468	C-2105 Bypass Cooler	26 October 2012
PMT 129469	C-2125 Compressor Cooler	26 October 2012
PMT 129470	C-2131 Bypass Cooler	26 October 2012
PMT 129471	Heat Exchanger	26 October 2012
PMT 129473	Ethyl-Hexanol Cooler	26 October 2012
PMT 129476	R-2100 Overhead Drum	26 October 2012
PMT 129477	C-2105 Suction Separator	26 October 2012
PMT 129478	T-2110 Overhead Condenser Drum	26 October 2012
PMT 129479	Flash Drum	26 October 2012
PMT 129480	Product Separator	26 October 2012
PMT 129481	Drain Separator	26 October 2012
PMT 129482	Overhead Drum	26 October 2012
PMT 129483	Drum	26 October 2012
PMT 129484	Drum	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PMT 129485	Drum	26 October 2012
PMT 129486	Drum	26 October 2012
PMT 129487	Drum	26 October 2012
PMT 129488	T-2220 Overhead Flash Drum	26 October 2012
PMT 129489	Knock Out Drum	26 October 2012
PMT 129490	T-2220 Side Product Drum	26 October 2012
PMT 129491	Drum	26 October 2012
PMT 129492	T-2230 Overhead Condenser Drum	26 October 2012
PMT 129493	Sodium Hydroxide Buffer	26 October 2012
PMT 129494	Drum	26 October 2012
PMT 129495	Drum	26 October 2012
PMT 129496	2-Ethyl-Hexanol Hydrogen Drum	26 October 2012
PMT 129497	2-Ethyl-Hexanol Degassing Drum	26 October 2012
PMT 129498	T-2340 Overhead Drum	26 October 2012
PMT 129499	T-2350 Overhead Drum	26 October 2012
PMT 129500	T-2360 Overhead Drum	26 October 2012
PMT 129501	N-BA Hydro Drum	26 October 2012
PMT 129502	N-BA Hydro Flash Drum	26 October 2012
PMT 129503	T-2440 Reflux Separator Drum	26 October 2012
PMT 129504	Reflux Drum	26 October 2012
PMT 129505	T-2460 Overhead Drum	26 October 2012
PMT 129506	ISO-Butyraldehyde Hydro Recycle Drum	26 October 2012
PMT 129507	ISO-Butyraldehyde Hydro Drum	26 October 2012
PMT 129508	T-2540 Overhead Drum	26 October 2012
PMT 129509	T-2550 Overhead Drum	26 October 2012
PMT 129510	Condensate Drum	26 October 2012
PMT 129511	Condensate Drum	26 October 2012
PMT 129512	Condensate Drum	26 October 2012
PMT 129513	Drum	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PMT 129514	Drum	26 October 2012
PMT 129519	Flash Drum	26 October 2012
PMT 129520	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129521	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129522	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129523	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129524	Start-Up Heater	26 October 2012
PMT 129525	T-2110 Bottom Cooler	26 October 2012
PMT 129526	Washing Liquid Cooler	26 October 2012
PMT 129527	T-2110 Overhead Condenser	26 October 2012
PMT 129528	Flash Preheater	26 October 2012
PMT 129529	T-2121 Feed Heater	26 October 2012
PMT 129530	Air Cooler Heat Exchanger Tube Bundle	26 October 2012
PMT 129531	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129532	T-2130 Feed Preheater	26 October 2012
PMT 129533	T-2130 Reboiler	26 October 2012
PMT 129534	T-2130 Overhead Condenser	26 October 2012
PMT 129535	T-2133 Reboiler	26 October 2012
PMT 129537	T-2130 Bottoms Cooler	26 October 2012
PMT 129538	Heater	26 October 2012
PMT 129539	Condenser	26 October 2012
PMT 129540	Cooler	26 October 2012
PMT 129541	Cooler	26 October 2012
PMT 129542	T-2220 Reboiler Cross Exchanger	26 October 2012
PMT 129543	T-2220 Reboiler Cross Exchanger	26 October 2012
PMT 129545	T-2220 Steam Reboiler	26 October 2012
PMT 129546	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129547	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129548	Air Cooled Heat Exchanger Tube Bundle	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PMT 129549	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129550	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129551	Air Cooled Heat Exchanger Tube Bundle	26 October 2012
PMT 129552	T-2220 Overhead Trim Condenser	26 October 2012
PMT 129553	IBA Cooler	26 October 2012
PMT 129554	T-2220 Side Production Condenser	26 October 2012
PMT 129555	T-2220 Side Production Trim Cooler	26 October 2012
PMT 129556	T-2220 Overhead Trim Condenser	26 October 2012
PMT 129557	T-2230 Falling Film Evaporator	26 October 2012
PMT 129558	T-2230 Overhead Condenser	26 October 2012
PMT 129559	T-2230 Bottoms Cooler	26 October 2012
PMT 129560	Air Cooled Heat Exchanger	26 October 2012
PMT 129561	Heat Exchanger	26 October 2012
PMT 129562	Cooler	26 October 2012
PMT 129563	2-Ethyl-Hexanol Hydro Preheater	26 October 2012
PMT 129564	2-Ethyl-Hexanol Vent Condenser	26 October 2012
PMT 129565	Air Cooled Heat Exchanger	26 October 2012
PMT 129566	2-Ethyl-Hexanol Flash Condenser	26 October 2012
PMT 129567	Cooler	26 October 2012
PMT 129568	Reboiler	26 October 2012
PMT 129569	2-Ethyl-Hexanol Forerun Condenser	26 October 2012
PMT 129571	2-Ethyl-Hexanol Finishing Condenser	26 October 2012
PMT 129573	Exchanger	26 October 2012
PMT 129574	Air Cooled Heat Exchanger	26 October 2012
PMT 129576	Air Cooled Heat Exchanger	26 October 2012
PMT 129578	I-BOL Start Up Heater	26 October 2012
PMT 129579	Air Cooled Heat Exchanger	26 October 2012
PMT 129583	Air Cooled Heat Exchanger	26 October 2012
PMT 129584	E-2550 Reboiler	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PMT 129585	T-2550 Overhead Condenser	26 October 2012
PMT 129586	T-2550 Side Production Cooler	26 October 2012
PMT 129588	By Pass Cooler P-2621	26 October 2012
PMT 129589	By Pass Cooler P-2625	26 October 2012
PMT 129590	Air Cooled Heat Exchanger	26 October 2012
PMT 129591	2-Ethyl-Hexanol Hydrogen Product Filter	26 October 2012
PMT 129592	2-Ethyl-Hexanol Hydrogen Product Filter	26 October 2012
PMT 129593	2-Ethyl-Hexanol Hydrogen Product Filter	26 October 2012
PMT 129594	2-Ethyl-Hexanol Hydrogen Product Filter	26 October 2012
PMT 129595	Iso-Butanol Product Filter	26 October 2012
PMT 129596	Iso-Butanol Product Filter	26 October 2012
PMT 129597	Iso-Butanol Product Filter	26 October 2012
PMT 129598	Iso-Butanol Product Filter	26 October 2012
PMT 129599	Synthesis Reactor	26 October 2012
PMT 129600	Reactor	26 October 2012
PMT 129601	2 Ehxenal Hydro Reactor 1	26 October 2012
PMT 129602	2 Ehxenal Hydro Reactor	26 October 2012
PMT 129603	2 Ehxenal Hydro Reactor	26 October 2012
PMT 129604	I-BOL Hydro Reactor	26 October 2012
PMT 129607	Brine Cooler	26 October 2012
PMT 129609	Filter	26 October 2012
PMT 129611	Filter	26 October 2012
PMT 129612	B-Type Strainer	26 October 2012
PMT 129613	Aldehyde Distillation Tower	26 October 2012
PMT 129614	Wash Tower	26 October 2012
PMT 129616	Degassing Tower	26 October 2012
PMT 129617	Tower	26 October 2012
PMT 129618	Aldehyde Heavies Tower	26 October 2012
PMT 129619	2-Ethyl-Hexanol Forerun Tower	26 October 2012

(1)	(2)	(3)
<i>Registration No.</i>	<i>Description of Steam Boiler and Unfired Pressure Vessels</i>	<i>Expiry Date</i>
PMT 129620	2-Etyhl-Hexanol Finishing Tower	26 October 2012
PMT 129621	2-Etyhl Hexanol Heavies Tower	26 October 2012
PMT 129622	N-Butanol Forerun Tower	26 October 2012
PMT 129623	Butanol Finishing Tower	26 October 2012
PMT 129624	N-Butanol Heavies Tower	26 October 2012
PMT 129625	I-BOL Forerun Tower	26 October 2012
PMT 129626	I-BOL Finishing Tower	26 October 2012
PMT 129639	Cooling Drum	26 October 2012
PMT 129640	Condensate Drum	26 October 2012
PMT 129641	Flash Drum	26 October 2012
PMT 129642	Dearator	26 October 2012
PMT 129652	Condenser	26 October 2012
PMT 129678	First Suction Surge Drum	26 October 2012
PMT 129679	First Discharge Surge Drum	26 October 2012
PMT 129682	Second Suction Surge Drum	26 October 2012
PMT 129684	Second Discharge Surge Drum	26 October 2012
PMT 129785	Separator Vessel	26 October 2012
PMT 129838	Suction Surge Drum	26 October 2012
PMT 129839	Discharge Surge Drum	26 October 2012
PMT 129840	Separator Tank	26 October 2012
PMT 129843	Oil Filter	26 October 2012
PMT 129844	Oil Filter	26 October 2012
PMT 129845	Oil Separator	26 October 2012
PMT 129849	Condenser	26 October 2012
PMT 129910	T-2220 Reboiler Cross Exchanger	26 October 2012
PMT 129915	T-2350 2-Ethyl-Hexanol Finishing Reboiler	26 October 2012
PMT 129946	Liquid Separator	26 October 2012
PMT 129947	Heat Exchanger	26 October 2012
PMT 130191	Boiler Feed Water Heater	26 October 2012

Made 8 March 2013  
[KSM/PUU/T/01/02/03 JLD.20; PN(PU2)235/XXXV]

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