



KEMENTERIAN PEMBANGUNAN  
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (1881) KPN/ABCi/C/8.0  
Tarikh dikeluarkan : 26<sup>th</sup> January 2013  
Tarikh Mansuh : 10<sup>th</sup> February 2015

Dengan ini diakui bahawa, Borneo Air Conditioning & Engineering Sdn Bhd., No. 6, #02-A, Simpang 107, Hj Daud Complex, Jalan Gadong, Bandar Seri Begawan BE4119, Negara Brunei Darussalam telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-

Skim Persijilan : Scheme 2  
(refer certification procedures STD3/003  
Issue No. 11, Revision 27<sup>th</sup> May 2008)  
: The use of these products subject to the user's  
specific technical and contractual requirements

Barangan yang diluluskan : "TRANE" AIR CONDITIONING EQUIPMENT  
*Note : Please refer to Schedule*

Tajuk dan Nombor Piawai (spesikasi) yang berkenaan terhadap persijilan yang dikehendaki. : ISO 9001 : 2008  
The design and manufacture of Air Conditioning Units.

Issued by : SGS  
Certificate No. : TH99/2505  
Certification Validity : 10/02/2015

*Dr. Suzana*

[ DR. HAJAH DAYANG SUZANA BINTI HAJI AWANG ADENAN ]  
b/p. Setiausaha Tetap (Teknikal & Professional)  
Kementerian Pembangunan



**SCHEDULE**  
**(1881) KPN/ABCi/C/8.0**  
**BORNEO AIR CONDITIONING & ENGINEERING SDN BHD.**

**"TRANE" AIR CONDITIONING EQUIPMENT**

Checked by Department of Mechanical and Electrical, Public Works Department

**Trane Air Conditioning Equipment (USA)**

| Item | Type                             | Model       | Capacity        | Type of Refrigerant | Country of Origin | Catalogue Reference |
|------|----------------------------------|-------------|-----------------|---------------------|-------------------|---------------------|
| 1    | Water Cooled Centrifugal Chiller | CVHE series | 150RT ~ 400RT   | HCFC123             | USA               | CTV-PRC007-EN       |
| 2    | Water Cooled Centrifugal Chiller | CVHG series | 400RT ~ 1200RT  | HCFC123             | USA               | CTV-PRC007-EN       |
| 3    | Water Cooled Centrifugal Chiller | CDHG series | 1300RT ~ 2600RT | HCFC123             | USA               | CTV-PRC007-EN       |
| 4    | Water Cooled Screw Chiller       | RTHD series | 130RT ~ 420RT   | HFC134a             | USA               | RLC-PRC020-EN       |
| 5    | Water Cooled Screw Chiller       | RTWD series | 65RT ~ 250RT    | HFC134a             | USA               | RLC-PRC-029-EN      |
| 6    | Air Cooled Screw Chiller         | RTAC series | 120RT ~ 420RT   | HFC134a             | USA               | RLC-PRC006-EN       |
| 7    | Air Cooled Scroll Chiller        | CGAM series | 20RT ~ 150RT    | R410A               | USA               | CG-PRC017-EN        |

**Trane Air Conditioning Equipment (France)**

| Item | Type                       | Model       | Capacity      | Type of Refrigerant | Country of Origin | Catalogue Reference |
|------|----------------------------|-------------|---------------|---------------------|-------------------|---------------------|
| 1    | Water Cooled Screw Chiller | RTHD series | 130RT ~ 400RT | HFC134a             | France            | RLC-PRC023-E4       |
| 2    | Water Cooled Screw Chiller | RTWD series | 65RT ~ 250RT  | HFC134a             | France            | RLC-PRC035-E4       |
| 3    | Air Cooled Screw Chiller   | RTAC series | 120RT ~ 420RT | HFC134a             | France            | RLC-PRC005-E4       |
| 4    | Air Cooled Screw Chiller   | RTAD series | 70RT ~ 180RT  | HFC134a             | France            | RLC-PRC015-E4       |
| 5    | Air Cooled Scroll Chiller  | CGAN series | 20RT ~ 150RT  | R407C               | France            | CG-PRC010-E4        |
| 6    | Air Cooled Scroll Chiller  | CGAM series | 20RT ~ 140RT  | R410A               | France            | CG-PRC019-E4        |



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**Trane Air Conditioning Equipment (Malaysia)**

| Item | Type                                      | Model       | Capacity                      | Type of Refrigerant | Country of Origin | Catalogue Reference |
|------|---|-------------|-------------------------------|---------------------|-------------------|---------------------|
| 1    | Chilled Water Air Handling Unit           | CLCP series | 2000CMH~90000CMH airflow      | -                   | Malaysia          | IND-PRC002-EN       |
| 2    | Chilled Water Fan Coil Unit (Double Skin) | LWHA        | 800CMH~6800CMH                | -                   | Malaysia          | BC-SLB005-E4        |
| 3    | Air Cooled DX Package Unit                | RAUP/TTV    | 250,000Btu/hr~660,000Btu/hr   | R407C/R22           | Malaysia          | MUL-SLB008-E4       |
| 4    | Air Cooled DX Package Unit                | TTA/TTH/TTV | 75,000Btu/hr~240,000Btu/hr    | R407C/R22           | Malaysia          | SS-SLB015-E4        |
| 5    | Water Cooled Package Unit                 | WCVS        | 200,000Btu/hr~1,140,000Btu/hr | R407c/R22           | Malaysia          | UNT-SLB002-E4       |

**Trane Air Conditioning Equipment (Thailand)**

| Item | Type                               | Model   | Capacity                     | Type of Refrigerant | Country of Origin | Catalogue Reference  |
|------|------------------------------------|---------|------------------------------|---------------------|-------------------|----------------------|
| 1    | Air Cooled DX Package Unit         | TTA/TWE | 60,000Btu/hr ~ 240,000Btu/hr | R22                 | Thailand          | SSA5-SLB001-EN       |
|      |                                    | TTA/TWE | 75,000Btu/hr ~ 240,000Btu/hr | R407c               | Thailand          | SSA5-SLB003-R407C-EN |
| 2    | Water Cooled Package Unit          | SWUT    | 60,000Btu/hr ~ 240,000Btu/hr | R407C/R22           | Thailand          | SWU5-SLB001-EN0103   |
| 3    | Chilled Water FCU (Floor standing) | CFEB    | 680CMH~3400CMH               | -                   | Thailand          | UNT-SLB024-EN        |
| 4    | Air Cooled Ducted Split Unit       | TTK/MCD | 9000Btu/hr~60,000Btu/hr      | R407C/R22           | Thailand          | MS-SLB029-EN         |
| 5    | Air Cooled Floor Standing          | TTA/MCV | 36,000Btu/hr~120,000Btu/hr   | R407C/R22           | Thailand          | MS-SLB002-EN         |



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**Trane Air Conditioning Equipment (China)**

| Item | Type                                 | Model           | Capacity               | Type of Refrigerant | Country of Origin | Catalogue Reference |
|------|--------------------------------------|-----------------|------------------------|---------------------|-------------------|---------------------|
| 1    | Water Cooled Centrifugal Chiller     | CVHE series     | 200RT ~ 400RT          | HCFC123             | China             | CTV-PRC011-EN       |
| 2    | Water Cooled Centrifugal Chiller     | CVHG series     | 400RT ~ 1000RT         | HCFC123             | China             | CTV-PRC011-EN       |
| 3    | Water Cooled Centrifugal Chiller     | CDHG series     | 1300RT ~ 2600RT        | HCFC123             | China             | CTV-PRC011-EN       |
| 4    | Water Cooled Centrifugal Chiller     | CVGF series     | 400RT~1000RT           | HFC134a             | China             | CTV-PRC001-E4       |
| 5    | Water Cooled Screw Chiller           | RTHD series     | 130RT~400RT            | HFC134a             | China             | RLC-PRC031-EN       |
| 6    | Water Cooled Screw Chiller           | RTWD series     | 60RT ~ 250RT           | HFC134a             | China             | RLC-PRC032-EN       |
| 7    | Water Cooled Screw Chiller           | RTWS series     | 60RT~125RT             | HFC134a             | China             | RLC-PRC036-E4       |
| 8    | Air Cooled Screw Chiller             | RTAC series     | 120RT ~ 420RT          | HFC134a             | China             | RLC-PRC038-EN       |
| 9    | Air Cooled Scroll Chiller            | CGAM series     | 20RT~150RT             | R410A               | China             | CG-PRC018-EN        |
| 10   | Air Cooled Scroll Chiller            | CGAK series     | 3RT~20RT               | R407c               | China             | PKGP-PRC006-EN      |
| 11   | Water Cooled Scroll Chiller          | CGWP series     | 20RT~100RT             | R407C               | China             | CG - SLB015 - EN    |
| 13   | Chilled Water Fan Coil Unit (Ducted) | HFCF            | 200CMH~2400CMH airflow | -                   | China             | UNT-PRC-010-EN      |
|      | Chilled Water Fan Coil Unit (Ducted) | HFCF DCBL (VAV) | 200CMH~2000CMH airflow | -                   | China             | DCBL-PRC001-EN      |
|      | Chilled Water Fan Coil Unit (Ducted) | HCCA            | 1800CMH~4200CMH        | -                   | China             | HCCA-PRC001-EN      |
| 14   | Water Cooled Package Unit            | GEHB            | 3.1kW~18kW             | -                   |                   | GEHB-PRC001-EN      |
| 15   | Mini-VRF Multi Split System          | TUM/MCD         | 2.5kW ~ 6.5kW          | R410A               | China             | AMS-PRC001-EN       |
|      |                                      | TUM/MCC         | 5kW~7.1kW              | R410A               | China             | AMS-PRC001-EN       |
|      |                                      | TUC/MCW         | 2.8kW~5.0kW            | R410A               | China             | AMS-PRC001-EN       |