



Schneider Electric Product Compliance

High & Medium Products Requirements – NZ Electrical Safety Requirements

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Schneider Electric – Product Compliance

- Schneider Electric’s certification team has listed all* product compliance into the Public **Electrical Equipment Safety System (EESS)** database, covering both Australia & New Zealand



* SDoC's will be produced when required under certain conditions

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What is ERAC & EESS?

The **Electrical Regulatory Authorities Council (ERAC)** is the peak body of electrical safety regulators in Australia and New Zealand. ERAC acts to ensure electrical safety regulatory systems are contemporary and harmonised wherever possible.

A number of emerging challenges and problems with the electrical equipment safety systems across Australia and New Zealand led ERAC to commission an independent consultant to conduct a comprehensive review in 2007. As a result of the review, a number of recommendations were made to improve and harmonise electrical equipment safety. This has resulted in the **Electrical Equipment Safety System (EESS)**.

The **EESS** has the following features in relation to “in-scope” electrical equipment:

Nationally consistent, electrical equipment safety legislation throughout Australia and New Zealand that will greatly increase consumer safety.

- A National Database where all suppliers and certain types of equipment must be registered prior to being offered for sale. This will allow equipment to be easily traced to its supplier and act as a gateway to the legal supply of electrical equipment in Australia and New Zealand.
- Risk based classification of equipment into 3 levels (Level 3, Level 2, and Level 1) with different requirements for each level. (Note; for NZ L3=High Risk, L2=Medium Risk..)
- Registration of a ‘Responsible Supplier’, who is a manufacturer or importer of in-scope electrical equipment and who is a legal entity in Australia or New Zealand, has the onus of responsibility for ensuring the safety of the electrical equipment they sell.

How to use the database – Step 1

- Schneider Electric Australia & New Zealand product compliance will follow the requirements of the EESS Database. This database is open to everyone to check and ensure product compliance
- Follow steps to obtain approval documentation – in this example we will use reference PDL681WH - light switch
 - **Step 1** – enter address into your web browser [“www.erac.gov.au”](http://www.erac.gov.au) and click on option shown below in website



The screenshot shows the ERAC (Electrical Regulatory Authorities Council) website. The navigation menu includes NEWS, EESS, EQUIPMENT, LICENSING, STANDARDS, ABOUT ERAC, CONTACT US, and MEMBERS. The main header features the ERAC logo and the text 'ELECTRICAL REGULATORY AUTHORITIES COUNCIL'. Below the header, there is a section titled 'EESS Registration and Public Search'. A red callout box points to this section with the text 'Click on “EESS Registration and Public Search”'. Below the main content area, there is a 'You are here:' breadcrumb trail with links for 'Equipment Certification Login' and 'Responsible Supplier and Equipment Registration Login'. The main content area displays the title 'Implementation of the Electrical Equipment Safety System' and a paragraph of text: 'The EESS commenced in Queensland on 1 March 2013 with a 12 month transition period. Tasmania and Western Australia have recognised the EESS. Australian jurisdictions are currently progressing or considering their implementation of the EESS and all jurisdictions are participating in an Inter-Governmental Agreement (IGA) process. New Zealand will have complementary legislation in due course. During this IGA process the legislation of jurisdictions, other than those mentioned above, remains unaltered; funding from EESS registration fees are being retained in a trust fund; and the current check testing and compliance activity supporting the EESS is being sourced from within jurisdictional resources. Due to the ongoing transition the EESS requirements for after 1 March 2014 have been reviewed.'

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How to use the database – Step 2

- **Step 2** – click on “Equipment Registration”

The screenshot shows the top navigation bar of the National Equipment Registration System. It includes the Australian Government logo, the acma logo, and the ERAC logo (ELECTRICAL REGULATORY AUTHORITIES COUNCIL). The text "National Equipment Registration System" is displayed on the right. Below the navigation bar, there is a dark blue header with "Home" and "Quick Links" buttons. The main content area features a map of Australia with the slogan "keeping electricity safe" and the ERAC logo. To the right, there are three sections: "Register New" with buttons for "Responsible Supplier" and "Authorised Representative"; "Login" with a "Registered User Login" button; and "Search" with buttons for "Equipment Registration" (highlighted with a red box) and "Supplier Registration". A red speech bubble points to the "Equipment Registration" button with the text "Click on Equipment Registration".

How to use the database – Step 3

Step 3 – enter brand, reference number, then click on search via magnifying glass.

The screenshot shows the 'Search Equipment Registrations' page. At the top, there are logos for the Australian Government, acma, and ERAC (Electrical Regulatory Authorities Council). The page title is 'National Equipment Registration System'. A navigation bar contains 'Home' and 'Quick Links'. The main search area is titled 'Search Equipment Registrations' and includes a 'New Search' button with a question mark icon. Below this, there are two main sections: 'By Equipment' and 'By Supplier'. The 'By Equipment' section has a 'Type' dropdown menu with 'Level 1', 'Level 2', and 'Level 3' checked. It also has input fields for 'Brand' (containing 'PDL'), 'Model' (containing '681'), 'Certificate Number', and 'Equipment Number'. The 'By Supplier' section has input fields for 'Supplier Name' and 'Supplier Number'. A magnifying glass icon is located at the bottom right of the search area. Red callouts with white text point to the 'Brand' and 'Model' fields, and the magnifying glass icon. The callouts are: 'Type in 'brand" of product' pointing to the 'Brand' field, 'Type in product reference' pointing to the 'Model' field, and 'Click on search button' pointing to the magnifying glass icon.

Home Quick Links

Search Equipment Registrations

New Search ?

By Equipment

Type Level 1 Level 2 Level 3

Brand Model Certificate Number Equipment Number

By Supplier

Supplier Name Supplier Number

Click on search button

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How to use the database – Step 4

- **Step 4** – click on where it states “Equipment” in the same section of the reference number you are seeking (PDL681WH)

By Equipment

Type Level 1 Level 2 Level 3

Brand Model

Certificate Number Equipment Number

By Supplier

Supplier Name

Supplier Number

Equipment Details

Supplier: SCHNEIDER ELECTRIC (AUSTRALIA) PTY LIMITED
Equipment: E2015003765 Prescribed, Wall Switch - Level 3
Description: Wall switch
Brand: PDL
Model: 651VWP, 681HWP, 681VWP, 682HWP, 682VWP, 682VWPD, 683HWP, 683VWP
Status: Registered
Certificate: GMA-102093-EA-030

Supplier: SCHNEIDER ELECTRIC (AUSTRALIA) PTY LIMITED
Equipment: E2014003067 Prescribed, Wall Switch - Level 3
Description: Wall Switch
Brand: Clipsal, Clipsal by Schneider, Clipsal by Schneider Electric, PDL, PDL by Schneider Electric
Model: 681MT10PB, 681MT16, 80PBBPL, 80PBBPL2, 80PBL, 80PBL2, 880MT15PB, 880MT15PB2, 880TPBM, 880TPB1, 880TPB2, 880TPBM, 881MT, 881PB, 882MT, 882PB, 883MT, 883PB, 884MT, 884PB, M8081HPBL, M8082HPBL, M8083HPBL, M8084HPBL, S8081HPBL, S8082HPBL, S8083HPBL, S8084HPBL
Status: Registered
Certificate: TUV017032EA

Supplier: SCHNEIDER ELECTRIC (AUSTRALIA) PTY LIMITED
Equipment: E2014002967 Prescribed, Wall Switch - Level 3
Description: Wall Switch
Brand: PDL, Schneider Electric
Model: 571, 572, 574, 574UNASS, 581, 582, 583, 584, 585, 586, 661, 662, 663, 664, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000
Status: Registered
Certificate: GMA-102093-EA-021

Click on the line
“Equipment”

Equipment: E2014002967 Prescribed, Wall Switch - Level 3

681

Total Equipment: 3

How to use the database – Step 5

- **Step 5 – Result is given.** You can view document, save browser link for future reference, or “right click” on document to print, or print to PDF and save the document as you wish

The screenshot displays the NERS website interface. At the top, there are logos for the Australian Government, acma, and ERAC (Electrical Regulatory Authorities Council). The page title is "National Equipment Registration System". Below the logos, there are navigation links for "Home" and "Quick Links". The main heading is "Equipment Registration Summary" with a help icon (question mark in a circle).

The summary details are as follows:

- Equipment Number:** E2014002967 [Registered]
- Responsible Supplier:** SCHNEIDER ELECTRIC (AUSTRALIA) PTY LIMITED [E97]
- Equipment Details:**
 - Equipment Level:** Level 3
 - Certificate of Conformity/Suitability:** GMA-102093-EA-021
 - Sub Certificates:**

Details	Standards
00	AS/NZS 3133:2013
- Equipment Type:** Prescribed
- Equipment Subtype:** Wall Switch
- Description:** 20A, 16AX 600 Series switch module
- Details Description:** 20A, 16AX 600 Series switch module
- Model Details:** Profiles

Total Certificates: 1

How does EESS follow NZ Product Compliance

- **NZ - Electricity Act**

- The Electricity Act 1992 requires all electrical products to be of a high quality and standard, so that their construction and maintenance meet the safety requirements within the [Electricity \(Safety\) Regulations 2010](#)
 - The [Electrical Safety Regulations](#) define the legal requirements for Electrical Safety and is the final rules and direction for a responsible supplier to follow.
-
- What section in the **Electrical Safety Regulations** does it state that SDoCs need not be supplied if listed in the EESS database
 - Medium Risk products – Section [83](#) & [83A](#). Section 83(2) and 83A(1) are the defining statements
 - High Risk products – Section [84](#)

Electricity (Safety) Regulations 2010 – Medium Risk (level 2)

- **Electricity (Safety) Regulations 2010**

Clause 83 *Supplier declaration of conformity required before sale of declared **medium risk articles***

(1) *WorkSafe may, by notice in the Gazette, declare that particular low voltage or extra-low voltage fittings or appliances, or particular types or classes of low voltage or extra-low voltage fittings or appliances, are medium risk fittings or appliances (in this regulation called declared medium risk articles).*

(2) *A declared medium risk article may not be sold, offered for sale, supplied, or offered for supply unless—*

*(a) the supplier (being the New Zealand manufacturer or importer) **has made a supplier declaration of conformity in respect of the article; OR***

(b) the article is deemed to be approved by WorkSafe under regulation 83A and all relevant terms and conditions of the deemed approval are complied with.

(3) *A supplier declaration of conformity must—*

(a) contain a description of the declared medium risk article; and

(b) contain a statement that the article complies with—

(i) the appropriate standard listed in Schedule 4; or (ii) AS/NZS 3820; or (iii) the Conformity Cooperation Agreement; and

(c) [Revoked]

(d) be in the form that is prescribed by WorkSafe or, if no form is prescribed, comply with ISO/IEC 17050–1.

Electricity (Safety) Regulations 2010 – Medium Risk (level 2)

- **Electricity (Safety) Regulations 2010**

Clause 83A *Deemed approval by WorkSafe for sale of **medium risk** EESS products*

(1) A declared medium risk article is deemed to have WorkSafe's approval if—

(a) the article is a registered EESS product; and

(b) the New Zealand manufacturer or importer is a registered EESS supplier in respect of that article.

(2) WorkSafe may, by notice in the Gazette, specify conditions to which a deemed approval is subject.

(3) WorkSafe may, by notice in the Gazette,—

(a) vary or withdraw any deemed approval; or

(b) vary or revoke any conditions, or specify additional conditions, to which the deemed approval is subject.

(4) A notice given under subclause (2) or (3) takes effect on the seventh day after the date of notification.

Electricity (Safety) Regulations 2010 – High Risk (level 3)

- **Electricity (Safety) Regulations 2010**

Clause 84 Declared **high risk** articles not to be sold unless approved

(1) WorkSafe may, by notice in the *Gazette*, declare that particular low voltage or extra-low voltage fittings or appliances, or particular types or classes of low voltage or extra-low voltage fittings or appliances, are high risk fittings or appliances (in this regulation and [regulations 85](#) and [86](#) called *declared high risk articles*).

(2) A declared high risk article may not be sold, offered for sale, supplied, or offered for supply unless—

(a) it is approved for sale by WorkSafe under [regulation 85](#) and all conditions of the approval are complied with; or

(b) it is deemed, under [regulation 86](#), to be approved by WorkSafe, and all relevant terms and conditions of the deemed approval are complied with.

(3) A person who sells, offers for sale, supplies, or offers for supply a declared high risk article commits an offence and is liable on conviction to a level 2 penalty if—

(a) the article is not approved for sale under [regulation 85](#); or

(b) the article is approved for sale under [regulation 85](#), or deemed to be approved under [regulation 86](#) or [86A](#), but all relevant terms and conditions of the approval or deemed approval are not complied with.

Electricity (Safety) Regulations 2010 – High Risk (level 3)

- **Electricity (Safety) Regulations 2010**

Clause 85 Approval by WorkSafe for sale of declared high risk articles

(1) Any person may apply to WorkSafe for approval to sell a declared high risk article by applying in a form prescribed by WorkSafe and paying the prescribed fee set out in [Schedule 5](#).

(2) WorkSafe may refer the application to an experienced person for advice on compliance by the declared high risk article with electrical safety requirements.

(3) WorkSafe must notify the applicant in writing of his or her decision and, if the application is approved, must notify the applicant of any conditions of the approval imposed by WorkSafe.

(4) WorkSafe may, on giving 10 days' notice in writing to the applicant,—

(a) vary or withdraw the approval; or

(b) vary or revoke any condition, or specify any additional conditions, to which the approval is subject.

Electricity (Safety) Regulations 2010 – High Risk (level 3)

- **Electricity (Safety) Regulations 2010**

Clause 86 Deemed approval by WorkSafe for sale of declared **high risk articles**

(1) A declared high risk article is deemed to have WorkSafe's approval if the article—

(a) is approved or certified by an organisation or agency, or under a programme or regime, recognised by WorkSafe under subclause (2); and

(b) complies, as required, with any terms or conditions of the approval or certification.

(2) WorkSafe may, by notice in the *Gazette*, recognise an organisation or agency, or a programme or regime of compliance, for the purposes of subclause (1).

(3) WorkSafe may, by notice in the *Gazette*, specify conditions to which a deemed approval is subject.

(4) WorkSafe may, by notice in the *Gazette*,—

(a) vary or withdraw any deemed approval; or

(b) vary or revoke any conditions, or specify additional conditions, to which the deemed approval is subject.

(5) A notice given under subclause (4) takes effect on the seventh day after the date of notification.

A young child with dark hair, wearing a dark blue long-sleeved shirt, is pointing their right index finger towards a woman. The woman, with her hair in a bun and wearing a pink long-sleeved shirt, is blowing a large, translucent white bubble. They are in a brightly lit room with a white brick wall and a green plant in the background. A green horizontal bar is overlaid on the image, containing the text 'Life Is On'.

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