



INFORMATION BULLETIN – SCHEDULE 34 NEW ADMINISTRATIVE ARRANGEMENTS AND UPDATES

Version 1.0 – 1 December 2016

The Victorian Energy Efficiency Target (VEET) scheme is a Victorian Government initiative promoted as the *Energy Saver Incentive*.

Contents

- 1 OVERVIEW 1
- 2 WHO IS IMPACTED BY THESE CHANGES 2
- 3 NEW ACTIVITY REQUIREMENTS UNDER SCHEDULE 34 – NBB LIGHTING UPGRADE..... 2
 - 3.1 Products changes 2
 - 3.1.1 What does this mean for VEET stakeholders? 3
 - 3.2 Sports field lighting and compliance with the AS 2560 standard..... 3
 - 3.2.1 Evidence of compliance to AS 2560 4
 - 3.2.2 Post-installation requirements for sports field lighting 4
 - 3.2.3 What does this mean for VEET Stakeholders? 4
 - 3.3 Tunnels and Underpasses..... 4
 - 3.3.1 What does this mean for VEET stakeholders? 5
- 4 UPDATES TO EXISTING GUIDANCE UNDER SCHEDULE 34 5
 - 4.1 NBB Lighting upgrade guidance documents – new terminology 5
 - 4.1.1 What does this mean for VEET stakeholders? 5
 - 4.2 Clarification of decommissioning requirements 5
 - 4.2.1 What does this mean for VEET stakeholders? 6
- 5 ACTIONS YOU SHOULD TAKE 6
- 6 WHERE TO GET HELP 6
- 7 LEGAL CONTEXT FOR THIS DOCUMENT 6

1 OVERVIEW

This document contains information about further administrative arrangements and updates under Schedule 34 that the Essential Services Commission (ESC) will introduce on 1 December 2016. These new administrative arrangements and updates introduce the following changes:

- the addition of activity and compliance requirements for tunnels/underpasses and sports fields under non-building based (NBB) lighting upgrades,

- new terminology that replaces the words 'unmetered' and 'metered' in NBB lighting upgrade guidance documents, and
- an update/clarification of the decommissioning requirements under Schedule 34 to include capacitors.

2 WHO IS IMPACTED BY THESE CHANGES

The category of scheme participant who is impacted by this change:

- Accredited Persons (APs) who undertake, or intend to undertake, prescribed activities under Schedule 34 – Lighting upgrade.

3 NEW ACTIVITY REQUIREMENTS UNDER SCHEDULE 34 – NBB LIGHTING UPGRADE

The new requirements under Schedule 34 for NBB lighting upgrades are summarised below:

1. A new product category under Schedule 34 NBB lighting upgrades and a new name for the existing NBB lighting upgrade product category.
2. The addition of sports fields as an eligible installation environment and associated administrative and compliance requirements.
3. The inclusion of *AS/NZS 1158.5: Part 5 -Tunnels and underpasses (TU)* in the compliance requirements for upgrades conducted under the scope of AS/NZS 1158.

3.1 Products changes

From 1 December 2016 there will be a new Schedule 34 'emerging' lighting category 'NBBL – LED outdoor floodlight'. This means there will be two product approval categories under Schedule 34 – NBB lighting upgrade.

This new category has been created to allow for floodlights suitable for outdoor environments and with a safety certificate meeting AS/NZS 60598.2.5 to be installed to provide sports field lighting.

In addition to creating a new product category for Schedule 34 – NBB lighting upgrade, the current 'LED luminaire – non-building based' category has been renamed 'NBBL - LED street and public lighting' to highlight the type of outdoor environment this lighting approval category is intended for.

It is also important to note that if a product is approved under the 'NBBL – LED street and public lighting' category, it is eligible to be installed in any other environment under Schedule 34. However, only products approved under 'NBBL - LED street and public lighting' can be installed in environments under the scope of the AS/NZS 1158



standards. Table 1 below summarises which products are eligible to be installed under the various environments in Schedule 34.

Table 1: product approval category installation environment eligibility

Product Approval Category	Installation environment		
	Building based lighting environment	Non-building based lighting environments – Roads and Public lighting AS/NZS 1158	Non-building based lighting environment – Sports lighting AS 2560
Luminaire approved under Schedule 34 – BB lighting upgrade	✓	✗	✗
Luminaire approved under NBBL - LED street and public lighting	✓	✓	✓
Luminaire approved under NBBL - LED outdoor floodlight	✓	✗	✓

Please note products that meet both AS/NZS 60598.2.3 and AS/NZS 60598.2.5 will be approved under the ‘NBBL - LED street and public lighting’ category.

3.1.1 What does this mean for VEET stakeholders?

When submitting a product approval application for a product intended for use in a NBB Lighting environment, product applicants should select one of the following product categories: ‘NBBL - LED street and public lighting’ or ‘NBBL - LED outdoor floodlight’. Please refer to the *Explanatory Note: Lodging a Product Application* for details on the different document requirements for each of these product categories.

APs should also ensure that products installed in an environment that must meet AS/NZS 1158 has the appropriate safety certification (AS/NZS 60598.2.3) as required under *SA/SNZ TS 1158 Part 6: Luminaries—Performance*.

3.2 Sports field lighting and compliance with the AS 2560 standard

From 1 December 2016, lighting upgrades undertaken in sports fields will be an eligible activity under Schedule 34 – NBB lighting upgrades. Consequently, NBB lighting upgrade guidance material has been updated to outline the administrative and compliance requirements for sports field lighting.

Sports field lighting comprises of a luminaire, or luminaires, whose primary purpose is to provide illumination to the playing surface of a sports field. These lighting upgrade activities must meet the applicable installation and performance requirements of the relevant parts of AS 2560.

For further information on activity requirements for sports field lighting, please refer to section 4.10 of the *Explanatory Note: Non-building Based Lighting Upgrade. Part 1: Activity Guidance*.

3.2.1 Evidence of compliance to AS 2560

A new compliance declaration template has been created for APs to use when carrying out VEET installations at sports fields. The template is located in the *Schedule 34 NBB lighting upgrades – VEET data summary and compliance declaration* document on the VEET website and is specific to installations that must meet the relevant parts of AS 2560. Note: this template includes the AS/NZS 1158 compliance declaration and replaces the previous *Schedule 34 NBB lighting upgrades – VEET Data summary and AS/NZS 1158 compliance declaration*.

For further information on compliance requirements for sports field lighting, please refer to section 6 of the *Explanatory Note: Non-building Based Lighting Upgrade. Part 2: Compliance Requirements*.

3.2.2 Post-installation requirements for sports field lighting

In addition to the AS 2560 compliance declaration, an AP installing sports field lighting must complete an audit report/form detailing a post-installation assessment conducted by a qualified lighting designer (MIES or higher). The document should detail the following aspects of the installation, in addition to any other relevant requirements specific to the sports field lighting application:

- The location and aiming of the installed luminaires in accordance with the specified design,
- Measurements of the illuminance provided by the installation, and
- Calculation of the average illuminance, uniformity ratios, uniformity gradients and glare factors (as applicable).

For further information on the requirements for post-installation audit report, please refer to Section 6 of the *Explanatory Note: Non-building Based Lighting Upgrade. Part 2: Compliance Requirements*.

3.2.3 What does this mean for VEET Stakeholders?

New compliance and evidence requirements have been introduced that APs must provide to the ESC when carrying out installations at sports fields. APs engaged in sports field lighting activities should familiarise themselves with these requirements by reading the *Explanatory Note: Non-building Based Lighting Upgrade Part 2: Compliance requirements* and obtain and keep a copy of the AS 2560 series of standards.

3.3 Tunnels and Underpasses

From 1 December 2016, lighting upgrades undertaken in tunnels and underpasses will be an eligible activity under Schedule 34 – NBB lighting upgrades. Consequently, NBB lighting upgrade guidance material and templates have been updated to include *AS/NZS 1158.5. Part 5: Lighting for tunnels and underpasses (TU)*.

3.3.1 What does this mean for VEET stakeholders?

APs are encouraged to familiarise themselves with the updated guidance material and templates by reading the following documents:

- *Explanatory Note: Non-building Based Lighting Upgrade. Part 1: Activity Guidance*
- *Explanatory Note: Non-building Based Lighting Upgrade. Part 2: Compliance Requirements*
- *Non-building Based Lighting Upgrade (34) - Data summary template and compliance declaration template*

4 UPDATES TO EXISTING GUIDANCE UNDER SCHEDULE 34

4.1 NBB Lighting upgrade guidance documents – new terminology

The existing compliance requirements for upgrades under the scope of AS/NZS 1158 are split into metered and unmetered upgrade environments. To better reflect the changing nature of asset ownership, these terms have been removed from the guidance material and replaced with the following terms:

- 'upgrades conducted on lighting assets owned by a Distribution Service Network Provider (DNSP) or Road Management Authority (RMA)' (formerly referred to as 'unmetered' environments), or
- 'upgrades conducted on lighting assets not owned by a DNSP or RMA' (i.e. all other assets) (formerly referred to as 'metered' environments).

4.1.1 What does this mean for VEET stakeholders?

APs are encouraged to read the *Explanatory Note – Non-Building Based Lighting Upgrade. Part 2: Compliance Requirements* to clarify the evidentiary requirements under AS/NZS 1158 upgrades for assets owned by a Distribution Service Network Provider (DNSP) or Road Management Authority (RMA) and those that are not owned by these entities.

4.2 Clarification of decommissioning requirements

Guidance material was updated (for upgrades not conducted under NJ6-D) to include the requirement that APs must provide decommissioning evidence for existing capacitors (where fitted). This includes geo-tagged photographs of all removed capacitors.

4.2.1 What does this mean for VEET stakeholders?

APs are encouraged to read the *Explanatory Note – Non-Building Based Lighting Upgrade. Part 2: Compliance* and *Explanatory Note – Building Based Lighting Upgrade. Part 2: Compliance Requirements* to clarify the compliance requirements for decommissioning capacitors.

5 ACTIONS YOU SHOULD TAKE

APs should familiarise themselves with the updates to the following documents:

- *Explanatory Note – Lodging a Product Application*
- *Explanatory Note – Building Based Lighting Upgrade. Part 2: Compliance Requirements*
- *Explanatory Note – Non-Building Based Lighting Upgrade. Part 1: Activity Guidance*
- *Explanatory Note – Non-Building Based Lighting Upgrade. Part 2: Compliance Requirements*
- *Non-building Based Lighting Upgrade (34) – Data summary template and compliance declaration template*
- *Non-building Based Lighting Upgrade (34) – Documentation pack coversheet template*
- *Non-building Based Lighting Upgrade (34) – Assignment form template*

6 WHERE TO GET HELP

If you have any questions in respect of matters set out in this information bulletin, please contact VEET Support on (03) 9032 1310 or veet@esc.vic.gov.au.

7 LEGAL CONTEXT FOR THIS DOCUMENT

This document should not be relied upon as a substitute for legal advice and should be read in conjunction with the *Victorian Energy Efficiency Target Regulations 2008* (the Regulations). In the event of inconsistency between this document and the Regulations, the content in the Regulations takes precedence.