Change Log

All credits have been made applicable to New Zealand projects in *Green Star – Performance v1.2.*

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| **Code** | Credit | | 29 November 2017 | | |  |
|  | Management | |  |  | |  |
| 1 | Green Star Accredited Professional | | ⚫ |  | |  |
| 2 | Building Information | | ▲ |  | |  |
|  | **R2.02.01** & **R2.02.02** Addition of Green Star Certified Building User information and User guides pathways.  **R2.02.03** Addition of Recertification Requirements  **R2.02.04** Addition of Recertification Requirements | | | | | |
| 3 | Metering and Monitoring | | ▲ |  | |  |
|  | **R2.03.01** Addition of Green Star certified Metering pathways.  **R2.03.02** Addition of Green Star certified Monitoring pathways.  The *Electricity Industry Participation Code* has been referenced for utility meter requirements. | | | | | |
| 4 | Tuning and Commissioning | | ▲ |  | |  |
|  | **R2.04.01** Included guidance for projects which have a Green Star As Built rating.  Guidance section updated to make clear that New Zealand projects may use an equivalent commissioning standard to AIRAH D27 and D28 by first submitting a complimentary CIR to the NZGBC. | | | | | |
| 5 | Environmental Management | | ▲ |  | |  |
|  | **R2NZ.05.01** For New Zealand projects, the *Enviro-Mark Diamond* certification is recognised as a compliant means of achieving requirement 5.3.1 under the ‘Third-party Certification’ criterion (5.3). | | | | | |
| 6 | Green Cleaning | | ▲ |  | |  |
| **R1.06.01** The requirements of the Green Cleaning Policy have been updated to include a review process to be in place. This has been included so the Green Cleaning Policy can be continually reviewed and amended where necessary. Further, this is required for the *Recertification* element of the credit.  **R2NZ.06.01** Guidance included for Healthcare Early Childcare facilities in New Zealand | | | | | |
| 7 | Commitment to Performance | | ▲ |  | |  |
| **R1.07.01** Addition of the Building Performance Metrics pathway of the *Green Star – Design & As Built* rating tool.  **R2.07.01** Addition of BBP Green Leasing Standard pathway, supporting documentation requirements and guidance throughout.  **R2NZ.07.01** Addition of Table 7.3.2 Green Star – Office Interiors 2009.  The certified ratings that may be claimed (Green Star and NABERS) by New Zealand projects has been clarified under ‘Certified Ratings’ (7.1B). | | | | | |
|  | Indoor Environment Quality | |  |  | |  |
| 8 | Indoor Air Quality | | ▲ |  | |  |
| **R1.08.01** Addition of corrective actions for measurements which do not meet the CO2 requirements of the Measured CO2 levels (8.3A) criterion.  **R1.08.02** Addition of corrective actions for measurements which do not meet the CO2 requirements of the Outdoor Flow rates (8.3B) criterion.  **R2.08.01** Addition of guidance around minimum distances for measurements at air intakes.  **R2NZ.08.01** The criteria related to NABERS Indoor Environment ratings (8.2C) may not be targeted by New Zealand projects; and AS 1324 deemed applicable given there are no equivalent New Zealand standards, no change;  **R2NZ.08.02** The criteria related to NABERS Indoor Environment ratings (8.2C) may not be targeted by New Zealand projects | | | | | |
| 9 | Hazardous Materials | | ▲ |  | |  |
|  | **R2.09.01** Under 9.1.1.1, for asbestos, updated the now superseded *Level 2 asbestos survey* standard to *Asbestos: The survey guide* or *Conducting Asbestos Surveys*, and, for other hazardous materials, clarified that the survey must be undertaken in line with a best practice standard or guideline.  **R2.09.02** Under 9.2.1.1, as per above update. | | | | | |
| 10 | Lighting Comfort | | ▲ |  | |  |
| **R1.10.01** Addition of corrective actions for measurements which do not meet the minimum illuminance requirements of the General Illuminance Measurements criterion.  Included LED lighting under fixture performance in line with Green Star – Design & As Built. | | | | | |
| 11 | Daylight & Views | | ▲ |  | |  |
|  | **R2.11.01** Clarification of number of daylight measurements required. | | | | | |
| 12 | Thermal Comfort | | ⚫ |  | |  |
| 13 | Acoustic Comfort | | ▲ |  | |  |
| **R1.13.01** Addition of the aim of the credit.  **R1.13.02** Revision of the NABERS Indoor Environment requirement to match the language from the NABERS Indoor Environment report.  **R2.13.01** Adjusted requirements to reflect the most up to date standard AS 2107:2016  Reference values in Table 13.1 updated from AS/NZS 2107:2000 to AS/NZS 2107:2016, as the most current version of the standard.  **R2NZ.13.01** For New Zealand projects, only pathway 13.1A can be targeted. This is on the basis that NABERS Indoor Environment ratings are only available in Australia | | | | | |
| 14 | Occupant Satisfaction | | ▲ |  | |  |
|  | **R2.14.01** Guidance added for multiple tenanted buildings.  **R2NZ.14.01** The ‘NABERS Indoor Environment Rating’ pathway (14.1B) may not be targeted by New Zealand projects;  **R2NZ.14.02** The ‘Occupant Satisfaction Levels – NABERS’ pathway (14.2B) may not be targeted by New Zealand projects; and  Clarified that the BOSSA Survey is applicable in New Zealand and the preferred survey by both the GBCA and NZGBC. | | | | | |
|  | Energy | |  |  | |  |
| 15 | Greenhouse Gas Emissions | | ▲ |  | |  |
| **R1.15.01** Clarification of tenant engagement compliance requirements for Industrial buildings, and buildings with embedded energy networks.  **R1.15.02** Added additional documentation guidance for the use of carbon offsets.  **R1.15.03** Added further guidance for portfolio ratings.  **R2.15.01** Addition of guidance for projects targeting the Australian Government’s National Carbon Offset Standard for Buildings  **R2.15.02** Addition of documentation requirements for projects targeting Tenant engagement points.  **R2.15.03** The use of carbon offsets in the Green Star rating system is under review. This guidance may change in the future.  Pathway 15B renamed from ‘Commercial Building Baseline Study’ to ‘Building Energy Baselines.’  **R2NZ.15.01**Pathway 15A (NABERSNZ) is available commercial office  **R2NZ.15.02**Pathway 15B list of building types and baselines has been included  GreenPower and Carbon Offsets are not applicable for New Zealand Projects. | | | | | |
| 16 | Peak Electricity Demand | | ▲ |  | |  |
| **R1.16.01** Addition ofPreliminary Benchmark for Commercial Office Buildings pathway allowing commercial buildings to use a preliminary benchmark rather than creating a new peer or longitudinal benchmark.  **R2.16.01** Addition of Innovation Challenge for Contribution to Industry Benchmarks.  **R2NZ.16.01** In New Zealand, this credit is only awarded if the building avoids the use of any fossil fuels consumed directly onsite (Scope 1), other than generator fuel for emergency power use or process related fuels such as natural gas for cooking purposes (not to reduce peak demand).  **R2NZ.16.02** Preliminary Benchmark for Commercial Office Buildings’ pathway is not available for New Zealand projects. | | | | | |
|  | Transport | |  |  | |  |
| 17 | Sustainable Transport Program | | ⚫ |  | |  |
| **R1.17.01** Addition ofGreen Star Certified Building attributes added.  **R1.17.02 & R1.17.03** Addition ofCorporate Cycling Initiatives for both Regular Occupants and Visitors. | | | | | |
| 18 | Transport Modes | | ⚫ |  | |  |
|  | Water | |  |  |  | |
| 19 | Potable Water | | ⚫ |  |  | |
| 20 | Fire Protection Testing Water | | ⚫ |  |  | |
| **R1.20.01** Benchmark updated to 80% as per other Green Star rating tools.  **R1.20.02** Addition ofGreen Star Certified Building attributes added. | | | | | |
|  | Materials | |  |  |  | |
| 21 | Procurement and Purchasing | | ▲ |  |  | |
| **R1.21.01** Addition of ‘Not Applicable’ conditions for Refurbishment Materials.  Expanding the scope of the Credit section moved from the ‘Commitment to Performance’ credit.  Added reference to ISO20400:2017 and removed reference to BS 8903:2010 which has been superseded by it.  **R2NZ.21.01** Updated credit references from *Green Star – Design & As Built* to *Green Star – Version 3*, as the New Zealand equivalent. | | | | | |
| 22 | Waste from Operations | | ▲ |  |  | |
| **R1.22.01** Addition of BBP Waste from Operations Guidelines pathway and supporting documentation requirements.  **R1.22.02** Addition of BBP Waste Data Integrity Protocol Rating pathway and supporting documentation requirements.  **R2.22.01** Added additional guidance for projects seeking certification under the Australian Government’s National Carbon Offset Standard for Buildings | | | | | |
| 23 | Waste from Refurbishments | | ▲ |  |  | |
| **R1.23.01** The requirements of the Waste Management Plan has been updated to include the requirement for a review process to be in place. This has been included so the Site Management Procedures can be continually reviewed and amended where necessary. Further, this element is required for the *Recertification* element of the credit.  **R2.23.01 &** **R2.23.02** Addition of BBP Stripout Waste Guidelines pathway and supporting documentation requirements.  **R2NZ.23.01** The requirements related to the GBCA’s *Green Star Construction and Demolition Waste Reporting Criteria* document (23.2.5 and 23.2.6) have been made not applicable to New Zealand projects. | | | | | |
|  | Land Use & Ecology |  | |  |  | |
| 24 | Ecological Value | ▲ | |  |  | |
| **R1.24.01** The requirements of the Biodiversity Policy has been updated to include the requirement for a review process to be in place. This has been included so the Biodiversity Policy can be continually reviewed and amended where necessary. Further, this element is required for the *Recertification* element of the credit.  Exclusion of exotic grass as having ecological value in the *Ecological Value Calculator.* | | | | | |
| 25 | Groundskeeping | ⚫ | |  |  | |
| **R1.25.01** The requirements of the Site Management Procedures has been updated to include the requirement for a review process to be in place. This has been included so the Site Management Procedures can be continually reviewed and amended where necessary. Further, this element is required for the *Recertification* element of the credit. | | | | | |
|  | Emissions |  | |  |  | |
| 26 | Stormwater | ⚫ | |  |  | |
| **R1.26.01** The requirements of the Stormwater Management Plan has been updated to include the requirement for a review process to be in place. This has been included so the SWMP can be continually reviewed and amended where necessary. Further, this element is required for the *Recertification* element of the credit. | | | | | |
| 27 | Light Pollution | ▲ | |  |  | |
|  | **R2.27.01** Addition of Green Star Certified Building attributes added.  **R2NZ.27.2** Under the Performance Pathway (27.1A), projects are required to demonstrate compliance with AS 4282 in the absence of an equivalent New Zealand standard. | | | | | |
| 28 | Refrigerant Impacts | ▲ | |  |  | |
| **R1.28.01** Benchmarks updated to TSDEI less than 15, and Combined TSDEI of refrigerant systems to be between 15 and 35 and a leak detection system as per other Green Star Rating tools.  **R1.28.02** Addition ofGreen Star Certified Building attributes added.  **R1.28.03** Addition ofprescriptive pathway as per other Green Star Rating tools  **R2.28.01** Added additional guidance for projects seeking certification under the Australian Government’s National Carbon Offset Standard for Buildings | | | | | |
| 29 | Microbial Control | ▲ | |  |  | |
| **R1.29.01** Addition of Innovation Challenge for Microbial Control in warm water systems.  **R1.29.02** Addition of guidance around adiabatic cooling systems.  **R1.29.03** Addition of Monitoring and Review Guidance  **R2.29.01** Pathway created for waterless heat-rejection systems. No further changes.  **R2.29.02** Addition of guidance for Green Star Certified projects.  To suit New Zealand projects, updated the following references:   * 29.1.1a, *The Prevention of Legionellosis in New Zealand* Guideline in place of the *Victorian Public Health and Wellbeing Act* 2008; * 29.1.1b, AS/NZS 3666.3:2011 *Air-handling and water systems of buildings - Microbial control - Part 3* in place of the *Victorian Public Health and Wellbeing Act* 2008; and * 29.1.1c, International Accreditation New Zealand (IANZ) in place of NATA accredited laboratory. | | | | | |
|  | Innovation |  | |  |  | |
| 30 | Innovation | ▲ | |  |  | |
|  | **R2.30.01** Addition of guidance for Recertification.  **R2.30.02** Addition of guidance for Portfolio Certification. | | | | | |

#### Legend

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| ⚫ | Minor wording corrections throughout to improve clarity.  Included requirements for *Recertification* throughout the credit, clearly labeled as such. |
| ▲ | Amendments to criteria or compliance requirements, in addition to amendments in ⚫. |