THIS CERTIFIES THAT

**Gedung Sekolah Vokasi Universitas Diponegoro-Semarang**

HAS ACHIEVED AN

**EDGE ADVANCED PRELIMINARY CERTIFICATE**

CERTIFICATE NUMBER

**LP2-IDN-20080610091628-P**

Excellence In Design For Greater Efficiencies

Edge

## EDGE ADVANCED

**Exemplifying achievement in the following areas:**

**65%**
**Energy Savings**

**42%**
**Water Savings**

**66%**
**Less Embodied Energy in Materials**

128.85 $tCO_2$/year
**Operational $CO_2$ Emissions**

235.81 $tCO_2$/year
**Operational $CO_2$ Savings**

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**Direktorat Aset Universitas Diponegoro - Semarang**

CERTIFIED BY

**Green Building Council Indonesia**

Iwan Prijanto, Chairperson

DATE OF ISSUE: 01-JAN-0001

GREEN BUILDING COUNCIL INDONESIA

WORLD BANK GROUP

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Indonesia

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## WAS AUDITED BY

Miski Adlina
EDGE Software Version: v2.1.1

## CERTIFIED BY

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Iwan Prijanto, Chairperson

GREEN BUILDING COUNCIL INDONESIA

## DATE OF ISSUE

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## DATE OF EXPIRY

01-JAN-0001

## ENERGY MEASURES

Reduced Window to Wall Ratio
Reflective Paint for External Walls
External Shading Devices
Insulation of Roof
Natural Ventilation for Corridors
Variable Refrigerant Volume (VRV) Cooling System
Energy Saving Light Bulbs for Internal Spaces
Solar Photovoltaics

## WATER MEASURES

Low-Flow Faucets
Efficient Flush for Water Closets in All Bathrooms
Water-Efficient Urinals
Grey Water Treatment and Recycling System
Black Water Treatment and Recycling System

## MATERIALS

Floor Slabs - In-Situ Reinforced Concrete Slab
Roof Construction - In-Situ Reinforced Concrete Slab
Roof Construction - Steel (Zinc or Galvanised Iron) Sheets on Steel Rafters
External Walls - Aluminum-Clad Sandwich Panel
External Walls - Autoclaved Aerated Concrete Blocks
Internal Walls - Autoclaved Aerated Concrete Blocks
Internal Walls - Plasterboards on Metal Studs with Insulation

www.edgebuildings.com



The EDGE standard requires 20% efficiencies in energy, water and materials compared to a local benchmark. Predicted efficiencies are not a guarantee of future operational performance. Energy savings may be associated with virtual energy for comfort depending on the presence of heating and cooling systems. Virtual energy does not contribute savings to utility bills.

This certificate is issued by the Certifier based on information provided by the client and the audit by the Auditor, and is subject to the terms and conditions of the Certifier. Contact edge@ifc.org if the above measures are not consistent with your observation on the project.

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