

To whomsoever it may concern,

Date: 25/10/2019

This is to certify that **Mr. Vipin Kumar** was working as a **Controls Engineer/Project Engineer** with **Alerton Australia (Division of Oberix Group)** from **8 October 2018 to 25 October 2019**. He worked at our Melbourne Office during this tenure as a full-time employee.

He carried out the following tasks in accordance with the duties that were part of his role as the Project Engineer:

1. Writing Functional Description for the Consultant which describes the scope of the work that will be carried out, interpreting specifications and Engineering Drawings to design the entire Control System.
2. Researching, Organising and Managing resources like sensors, equipment and other site-related essential parts that form part of the Building Automation Projects.
3. Designing of the Network Topology and the System Topology to control various Mechanical-Electrical equipment like Chillers, Boilers, Air-Handling Units, Fan-Coil Units and other HVAC system.
4. Creating Graphics and Programming codes for control system using Visual Logic and Digital Electronics concepts.
5. Working on site to setup the controllers and sensors, fine tuning of the system, troubleshooting and rectifying problems.
6. Designing of the control strategies and Commissioning of Electrical Motors, Variable Speed Drives, Electrical meters, Thermal meters and UPS (Uninterrupted Power Supply).
7. Monitoring the Energy consumption of the whole Building and writing NABERS Report to provide ways to reduce energy consumption and CO2 emissions and perform Energy Savings Calculations.



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## Energy Management • Building Automation • Access Control • Lighting Control • CCTV

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