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Dr. Satish Vitta
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Letter of Reference to M/S Vel Electronics, Bombay

To Whomsoever Concerned

We are working on a research project which requires an *Electromagnetic Levitation cum Melting* unit capable of simultaneously heating upto 1800 °C and levitating the material. This is typically done with an RF Induction Heating system operating at frequencies of the order of 400 kHz with a power delivering capacity of 15 kW. After a thorough search of both Indian and International suppliers of such equipment we found to our astonishment that there was no alternative except to import the unit at a cost which was simply not affordable.

At this juncture we came across **M/S Vel Electronics** who had an experience of making low and medium frequency induction heating systems. After discussing the various technical aspects with them we found them to have the requisite expertise both to design and make the unit indigenously. What was even more important was that **M/S Vel Electronics** were willing to design and make the unit for us although it was to be an onetime order. The unit was designed, made and demonstrated to us in a record time of 3 months. The unit is currently in operation at our institute.

We have high regards for the technical capabilities of **M/S Vel Electronics** and recommend them for jobs involving induction heating systems.

Dr. Satish Vitta
Associate Professor