

FUTURE WORK

This research is a foundation for the future work in the area of Mg-Mn and Mg-Cu-Mn systems.

There are several opportunities for study in the following areas.

- The Mg-Mn flakes study can be expanded by studying the corrosion behaviour for various time intervals. Different corrosion rate measurement methods and hydrogen evolution rate can be measured to get more idea regarding corrosion behaviour.
- After corrosion test, detailed microstructural and phase analysis study of Mg-Mn alloys may be important.
- As, manganese improves corrosion resistance of Mg-Cu systems, detailed corrosion study of Mg-Cu-Mn systems give more idea about corrosion behaviour, changes in microstructure and phases.