

Project start-up and agenda

1 Start-Up

Participants:

Mikko Kekäläinen	Okmetic Oyj, Contact person of the company
Heikki Paavilainen	Metropolia, Leading teacher of the project
Atte Laine	Member of the project team
Tommi Suomi	Member of the project team
Jani Murto	Member of the project team

2 Background of the project

Manufacturing process of silicon wafers has infrared camera used to ensure the attachment of the two silicon wafers. IR camera is used to detect any unwanted particles or air in between those wafers. The problem in the process is that silicon wafers are like mirrors and reflects all the light coming towards them. This unwanted light spoils the picture since it's hard to say if it's light or particle.

3 The mission

In Okmetic point of view the mission is to design and build a working reflect shield for the IR camera. Team has to design a few different models and choose the right one.

4 The limits

Main goal is to design and manufacture a single reflect shield. If there's time then build a second model for the other bonder.

5 The timing

The project will be done in Spring 2012. By the end of april the project should be finished. There's additional two weeks if necessary.

6 Resources and costs

The design and actual building process are made with tools found in school. Bigger and expensive materials are bought by Okmetic.

7 Information of the project

Details and information of the project are uploaded to Metropolia Wiki. Other communication are made via e-mail and phone.

8 Meetings

Meetings are held when needed. Contact person of the company will attend. The next meeting is at 02.02.12. 9AM.

9 Documentation

End report will be made (Thesis style). Minutes of the meeting and other documentation are uploaded to Metropolia Wiki