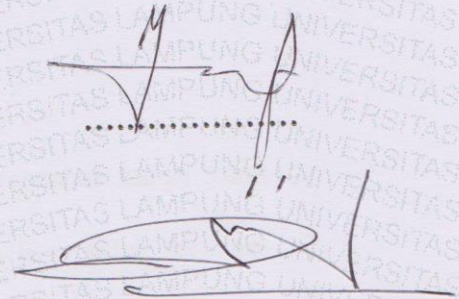


**MENGESAHKAN**

**1. Tim Penguji**

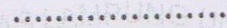
**Ketua**

**: Iswan, S.T., M.T.**



**Sekretaris**

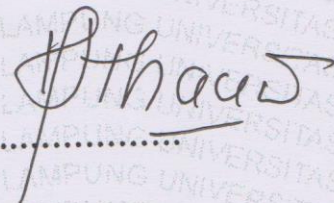
**: Ir. M. Jafri, M.T.**



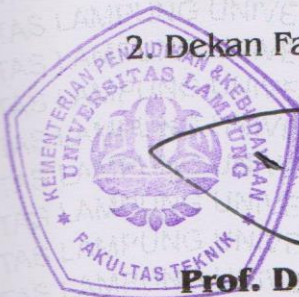
**Penguji**

**Bukan Pembimbing**

**: Dr. Ir. Lusmeilia Afriani, D.E.A.**



**2. Dekan Fakultas Teknik**



**Prof. Drs. Suharno, M.Sc., Ph.D.**

**NIP 19620717 198703 1 002**

**Tanggal Lulus Ujian Skripsi : 24 Februari 2015**