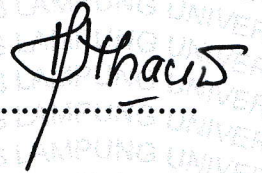


MENGESAHKAN

1. Tim Penguji

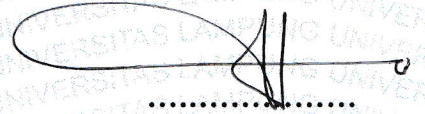
Ketua

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



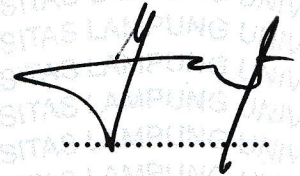
Sekretaris

: Ir. Setyanto, M.T.

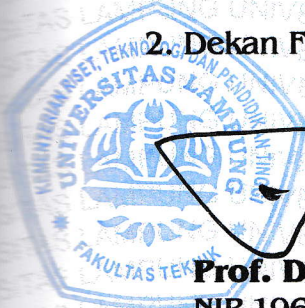


Penguji

Bukan Pembimbing : Iswan, S.T. M.T.



2. Dekan Fakultas Teknik



Prof. Dr. Suharno, M.Sc.

NIP 19620717 198703 1 002

Tanggal Lulus Ujian Skripsi : 18 Juni 2015