

**ECONOMIC AND ENVIRONMENTAL MODELS FOR  
RECTIFYING INSPECTION**

**FINAL PROJECT**

**By:**

**Harly Bobby Pratama  
1410932033**



**INDUSTRIAL ENGINEERING DEPARTMENT  
ENGINEERING FACULTY  
ANDALAS UNIVERSITY  
PADANG**

**2018**

**ECONOMIC AND ENVIRONMENTAL MODELS FOR  
RECTIFYING INSPECTION**

**FINAL PROJECT**

*As Requirement for Accomplishing Bachelor Program in Industrial Engineering  
Department Engineering Faculty Andalas University*

**By:**

**HARLY BOBBY PRATAMA**  
**1410932033**

**Adviser:**


**Feri Afrinaldi, Ph.D**



**INDUSTRIAL ENGINEERING DEPARTMENT  
ENGINEERING FACULTY  
ANDALAS UNIVERSITY  
PADANG  
2018**

## APPROVAL PAGE

This final project entitled "Economic and Environmental Models for Rectifying Inspection" prepared and submitted by **Harly Bobby Pratama** in partial fulfillment of the requirements for the degree of **Bachelor of Engineering** (Major in Industrial Engineering), has been examined and hereby commended for approval and acceptance.

  
Date: 15/10 2018

Feri Afrinaldi, Ph.D.  
NIP. 19820920 200604 1 002  
Adviser

## PANEL OF EXAMINERS

Approved by the Committee on Final Project Examination

12/10/2018  
Final Project Examination Date

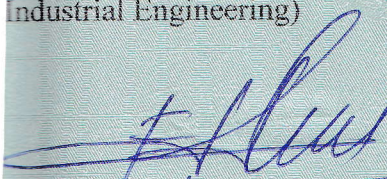


Eri Wirdianto, M.Sc.  
NIP. 19730921 199903 1 001  
Chair




Jonrinaldi, Ph.D., IPM  
NIP. 19770226 200604 1 003  
Member

Accepted and approved in particular fulfillments for the degree of **Bachelor of Engineering** (Major in Industrial Engineering)

  
Date: 18/10 2018

Feri Afrinaldi, Ph.D.  
NIP. 19820920 200604 1 002  
Chair of Industrial Engineering Undergraduate Program

  
Date: 18/10 2018

Jonrinaldi, Ph.D., IPM  
NIP. 19770226 200604 1 003  
Chair of Industrial Engineering Department



KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI  
**FAKULTAS TEKNIK UNIVERSITAS ANDALAS**  
**JURUSAN TEKNIK INDUSTRI**

Kampus Limau Manis, PADANG 25163  
Telp/PABX : 0751 - 72497, 72564 Fax. 0751 - 72566

**BERITA ACARA**  
**UJIAN TUGAS AKHIR TEKNIK INDUSTRI**  
**SEMESTER GANJIL TA 2018/2019**

Nomor: 50/UN.16.09.5.3/PP-TA/2018

Pada hari ini **Jum'at** tanggal **Dua Belas** bulan **Oktober** tahun **Dua Ribu Delapan Belas** telah dilangsungkan **Ujian Sarjana** Jurusan **Teknik Industri** mahasiswa tersebut di bawah ini:

1. Nama : **Harly Bobby Pratama**
2. No. BP : **1410932033**
3. Judul Tugas Akhir : **Economic and Environmental Models for Rectifying Inspection**
4. Dosen Pembimbing : **Feri Afrinaldi, Ph.D**
5. Dosen Penguji  
Ketua : **Eri Wirdianto, M.Sc**  
Anggota : **Jonrinaldi, Ph.D**
6. Nilai Sidang  
Nilai Angka : **87,4**  
Nilai Mutu : **(A)** A- B+ B B- C+ C
7. Nilai Tugas Akhir  
Nilai Angka : **88,42**  
Nilai Mutu : **(A)** A- B+ B B- C+ C

Ketua,

**Jonrinaldi, Ph.D**  
NIP. 19770226 200604 1 003

Padang, 12 Oktober 2018

**Panitia**  
Sekretaris,

**Dr.Eng. Dicky Fatrias**  
NIP. 19810105 200501 1 006