



KEMENTERIAN KETENAGAKERJAAN REPUBLIK INDONESIA
MINISTRY OF MANPOWER OF THE REPUBLIC OF INDONESIA
DIREKTORAT JENDERAL PEMBINAAN PENGAWASAN KETENAGAKERJAAN DAN
KESELAMATAN DAN KESEHATAN KERJA
DIRECTORATE GENERAL OF LABOUR INSPECTION DEVELOPMENT AND OCCUPATIONAL SAFETY AND HEALTH

Sertifikat

Certificate

NOMOR 5/2197/AS.02.00/VIII/2019

Diberikan Kepada :

This is to certify that :

N a m a : SIHAR HALLEL HUTASOIT
Name
Tempat, tanggal lahir : Bekasi, 06-08-1990
Place, date of birth
Perusahaan/Instansi : PT Inspektindo Sinergi Persada
Company/institution

TELAH MENGIKUTI

Has successfully attended

**PEMBINAAN TEKNIK KESELAMATAN DAN KESEHATAN KERJA (K3)
BIDANG PESAWAT ANGKAT DAN ANGKUT**

The Occupational Safety and Health (OSH) Technical Training of Lifting & Transporting Equipment

Diselenggarakan oleh

Held by

PT UPAYA RIKSA PATRA

di Jakarta pada tanggal 10 s.d. 12 Juli 2019

In Jakarta on July 10 - 12, 2019

Pemegang Sertifikat ini memenuhi persyaratan sebagai

The holder of this certificate qualifies the requirements as

OPERATOR K3 KERAN OVERHEAD KELAS : III (tiga)

OSH OVERHEAD CRANE OPERATOR 3rd GRADE

sesuai Peraturan Menteri Tenaga Kerja dan Transmigrasi RI No. Per.09/Men/VII/2010 jo

Keputusan Dirjen Binwasnaker dan K3 Nomor 04 Tahun 2017

According to the Regulation of the Minister of Manpower Number Per.09/Men/VII/2010 jo Directorate General Of Labour Inspections Development and Occupational Safety and Health Decree Number 04 in 2017

Jakarta, 02 Agustus 2019

Jakarta, August 02, 2019

a.n. Direktur Jenderal

Pembinaan Pengawasan Ketenagakerjaan dan K3,

On Behalf of Director General of Labour Inspection Development and Occupational Safety and Health,

Plt. Direktur Pengawasan Norma K3,

Acting Director of Occupational Safety and Health Norm Supervision,



DAFTAR MATERI PEMBINAAN DAN PENGUJIAN LISENSI K3
SYLLABUS OF DEVELOPMEN AND EXAMINATION OSH LICENSE
OPERATOR PESAWAT ANGKAT & ANGKUT
LIFTING EQUIPMENT OPERATOR

I. KELOMPOK DASAR / basic group

1. **Kebijakan Kementerian Tenaga Kerja dan Transmigrasi**
Ministry Of Manpower And Transmigration Of The Republic Of Indonesia Policy4
2. **Dasar-dasar K3**
The Fundamental of K3
3. **Undang – Undang No. 01 Tahun 1970**
Act No. 01 of 1970
4. **Peraturan Menteri No. Per . 05 / Men/ 1985**
Minister Regulation No. Per. 05/Men/1985
5. **Peraturan Menteri No. Per . 09 / Mert /2010**
Minister Regulation No. Per. 09/Men/2010

II. KELOMPOK INTI / core group

A. TEORI / theory

1. **Pengetahuan dasar keran angkat**
Basic knowledge of lifting crane
2. **Pengetahuan dasar motor penggerak**
Basic knowledge of drive motor
3. **Pengetahuan dasar hidrolisik *)**
Basic knowledge of hidraulic
4. **Perangkat keselamatan kerja**
Safety Device
5. **Tali kawat baja**
Steel wire rope
6. **Alat – alat bantu angkat**
Rigging equipment
7. **Pengetahuan rigging**
Rigging knowledge
8. **Sebab- sebab kecelakaan keran angkat**
The causes of lifting crane accident
9. **Faktor – faktor yang mempengaruhi beban kerja aman**
The factors that influenced safe working load
10. **Menghitung dan memperkirakan berat beban**
The assessment and measurement of weight
11. **Membaca daftar beban *)**
Read load list
12. **Stabilitas *)**
Stability
13. **Pengoperasian keran**
Operating the crane
14. **Perawatan, pemeliharaan dan pengujian**
Maintenance, inspection and testing

B. PRAKTEK / practice

1. **Pemeriksaan dan pengujian harian**
Daily inspection and testingP
2. **Pengoperasian aman**
Safe operation

III. UJIAN / examination

1. **Ujian teori**
Theory
2. **Praktek**
practice

Catatan / note : *) Tidak digunakan untuk materi pembinaan dan pengujian lisensi K3 operator keran
Not included for syllabus of overhead crane operator OSH license
overhead dan sejenisnya.
and its kind.