

ABSTRAK

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METODE PELAKSANAAN *ERECTION PC-IGIRDER* PADA PROYEK TOL SERPONG – BALARAJA SEKSI 1B STA 9+579

Kerja profesi merupakan salah satu syarat kelulusan dalam program pendidikan Strata Satu Program Studi Teknik Sipil di Universitas Pembangunan Jaya. Kerja Profesi dibutuhkan mahasiswa agar melihat situasi dunia kerja secara nyata sehingga mampu mengaplikasikan teori perkuliahan dengan ilmu yang didapat ke dalam dunia kerja yang riil. Praktikan mendapatkan kesempatan untuk melaksanakan Kerja Profesi di Proyek Tol Serpong-Balaraja seksi 1B. Selama pelaksanaan kegiatan kerja profesi pada proyek Tol Serbaraja, praktikan ditempatkan di bagian Pengendali Mutu Independen (PMI) yang dibimbing langsung oleh Ahli *Quality Assurance* dan *Quality Control Senior*. Praktikan bertanggung untuk melakukan pengujian pengujian di lapangan maupun di lab dan beberapa pengawasan pekerjaan di lapangan, khususnya metode pelaksanaan *erection GIRDER* STA 9+579, dimulai dari pekerjaan *stressing, grouting, patching, setting peralatan, loading test*, hingga instalasi *GIRDER*. Selama masa Kerja Profesi, praktikan memahami berbagai metode pekerjaan dan tahapan tahapan dalam lingkungan kerja yang baik dan benar.

Kata kunci : *GIRDER, erection GIRDER, quality control.*

ABSTRACT

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METHOD OF IMPLEMENTATION OF PC-IGIRDER ERECTION ON SERPONG – BALARAJA TOL PROJECT SECTION 1B STA 9+579

Professional work is one of the graduation requirements in the Strata One education program of the Civil Engineering Study Program at The University of Pembangunan Jaya. Professional work is needed by students to see the real world of work situation so that they are able to apply lecture theory with the knowledge gained into the real world of work. Praktikan gets the opportunity to carry out Professional Work in the Serpong – Balaraja Tol Road Project section 1B. During the implementation of professional work activities on the Serbaraja Toll Road project, the practice is placed in the Independent Quality Control (PMI) section which is guided directly by Senior Quality Assurance and Quality Control Experts. Praktikan is responsible for conducting testing tests in the field and in the lab and several supervisions of work in the field, especially the method of implementing erection GIRDER STA 9 + 579, starting from stressing work, grouting, patching, equipment settings, loading tests, to GIRDER installations. During the professional work period, practicant understanding various work methods and stages in a good and correct work environment.

Keywords : GIRDER, Erection GIRDER, quality control