

OCCUPATIONAL SAFETY AND HEALTH: THE STUDY ON
ERGONOMICS AT WORKSTATION IN A LEARNING INSTITUTION
AT KLANG VALLEY

BY:
NOOR AZZURA BINTI MOHAMED
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MOHAMMAD BASTYIAN BIN MAHMUD

AUGUST 2011

LETTER OF REPORT SUBMISSION

25 August 2011

Prof. Dr. Abu Bakar Abdul Majid
Penolong Naib Canselor (Penyelidikan)
Institut Pengurusan Penyelidikan
Universiti Teknologi MARA
40450 Shah Alam

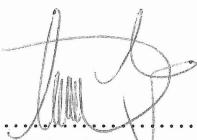
Dear Prof.,

SUBMISSION OF FINAL REPORT

Attached is the report titled “**OCCUPATIONAL SAFETY AND HEALTH: THE STUDY ON ERGONOMICS AT WORKSTATION IN A LEARNING INSTITUTION AT KLANG VALLEY**” to fulfill the requirement as needed by UiTM for confirmation purposes.

Thank you.

Yours sincerely,



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NOOR AZZURA BINTI MOHAMED
Project Leader
Faculty of Business Management
UiTM Melaka



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KHALILAH BINTI IBRAHIM
Faculty of Business Management
UiTM Melaka

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MOHAMMAD BASTYIAN BIN MAHMUD
Faculty of Science Administration and Policy Studies
UiTM Melaka

Surat Kami : 600-RMI/SSP/DANA 5/3/Dsp (87/2010)
 Tarikh : 24 Januari 2010



Pn Noor Azzura Mohamed
 Fakulti Pengurusan Perniagaan
 Universiti Teknologi MARA Melaka
 KM. 26, Jalan Lendu
 78000 Alor Gajah, Melaka

Y. Brs. Prof./Tuan/Puan

KELULUSAN PERMOHONAN DANA KECEMERLANGAN 12/2010

Tajuk Projek	: Occupational Safety and Health at Workplace : The Study of Ergonomics at Workstation in Learning Institutions at Klang Valley
Kod Projek	: 600-RMI/SSP/DANA 5/3/Dsp (87/2010)
Kategori Projek	: Kategori F (2010)
Tempoh	: 15 Disember 2010 – 14 Disember 2011 (12 bulan)
Jumlah Peruntukan	: RM 5,000.00
Ketua Projek	: Pn Noor Azzura Mohamed

Dengan hormatnya perkara di atas adalah dirujuk.

2. Sukacita dimaklumkan pihak Universiti telah meluluskan cadangan penyelidikan Y. Brs Prof./tuan/puan untuk membiayai projek penyelidikan di bawah Dana Kecemerlangan UiTM.
3. Bagi pihak Universiti kami mengucapkan tahniah kepada Y. Brs. Prof./tuan/puan kerana kejayaan ini dan seterusnya diharapkan berjaya menyiapkan projek ini dengan cemerlang.
4. Peruntukan kewangan akan disalurkan melalui tiga (3) peringkat berdasarkan kepada laporan kemajuan serta kewangan yang mencapai perbelanjaan lebih kurang 50% dari peruntukan yang diterima.

Peringkat Pertama	20%
Peringkat Kedua	40%
Peringkat Ketiga	40%

5. Untuk tujuan mengemaskini, pihak Y. Brs. Prof./tuan/puan adalah diminta untuk melengkapkan semula kertas cadangan penyelidikan sekiranya perlu, mengisi borang setuju terima projek penyelidikan dan menyusun perancangan semula bajet yang baru seperti yang diluluskan. Sila lihat lampiran bagi tatacara tambahan untuk pengurusan projek.

Sekian, harap maklum.

“SELAMAT MENJALANKAN PENYELIDIKAN DENGAN JAYANYA”

Yang benar

DR OSKAR HASDINOR HASSAN
 Ketua Penyelidikan (Sains Sosial dan Pengurusan)

s.k.:

1. Pengarah, UiTM Melaka, **KM. 26, Jalan Lendu, 78000 Alor Gajah, Melaka**
2. Pn Khalilah Ibrahim, Ahli Projek, Fakulti Pengurusan Perniagaan,
UiTM Melaka, **KM. 26, Jalan Lendu, 78000 Alor Gajah, Melaka**
3. En Mohammad Bastyian Mahmud, Ahli Projek,
Fakulti Sains Pentadbiran dan Pengajian Polisi,
UiTM Melaka, **KM. 26, Jalan Lendu, 78000 Alor Gajah, Melaka**

ABSTRACT

Occupational Safety and Health Act 1994 (OSHA 1994) has stated that working environment should be conducive and comfortable to meet the physiology and psychology needs of the staff. The numbers of occupational accidents and diseases are reported to be consistently high and increasing due to the lack of attention given to ergonomics aspects in the workplace. Ergonomics should be seen as an opportunity to develop productivity and quality while escalating employees' safety, health and morale. Benefits of ergonomics are boost the productivity, enhance the quality, reduce employee injury, greater job satisfaction, increase morale, lessen medical and insurance costs, lower absenteeism, reduce lost time, decrease employee turnover and many more. The main purpose of this study is to determine the compatibility of ergonomics in workplace environment at one of the learning institution located in Klang Valley from the employees' perception. Besides, this study also determines the relationship between ergonomics aspects with occupational disease in workplace. This study focuses on five dimensions of ergonomics which includes working environment, welfare and facility for employees, electrical wiring, ergonomics in workstation and work organization. Meanwhile, the occupational disease at the workplace is considered as physical disease comprises back pain, spinal pain, muscle cramps, watery eye and so on. In collecting data for this study, the researcher have used questionnaire as the main method. The data were analyzed using, frequency, percentage, mean and correlation. Overall, the finding shows that the employees' perceived the compatibility of ergonomics based on five dimensions of ergonomic at the moderate to high level. In summary, the finding also shows that there is a negative and significant relation between ergonomics in the workplace environment with the occupational disease.