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ERGONOMICS PROGRAM

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PREFACE

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AMENDMENTS RECORD SHEET

Chap No.	Sect No.	Description	Issue No.	Date	Rev No.	Date	App by: (initial)
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FOREWORD

Ergonomics offers an opportunity to improve the business by using techniques which break down the traditional barrier between human skills and machines. It is a process which effectively harnesses the skills of the workforce, thereby increasing the safety, motivation and satisfaction of employees as well as improving performance.

The strategy outlined in this document was initiated in response to the growing need to optimise performance and increase the satisfaction of our staff. Ergonomics affects every person in the business, from seismic line operations staff and control-panel operators in refineries to office workers -everybody appreciates and has the right to a well designed work environment which enables them to achieve their maximum potential.

This document presents a concept, strategy and implementation plan for use by OPU/JV. It also encourages them to develop their own ergonomics, strategies, and is targeted at line managers and HSE staff. The resources and action plan will be different within the different business organisations. In order to obtain its own overall strategy, each OPU/JV will therefore complete its own plan and assign associated levels of commitment. An OPU/JV should in turn determine its estimated completion time for each action point. Advice from Corporate HSES is available on request to support OPU/JV in the implementation of the strategies described in this document.

The challenge for an OPU/JV is to take an ergonomics approach in the design of projects and in operations. The reward is to be the most cost-efficient and productive in our industry while maximising worker safety, motivation and job satisfaction.

1. WHAT IS ERGONOMICS?

Ergonomics is defined as:

'A multidisciplinary field of science, and its application, which considers the integrated knowledge of human capabilities, limitations and needs in the interaction between humans, technology and the working environment for the design of work systems, workplaces and products.'

The benefits are measured in terms of system effectiveness and reliability, fewer incidents and reduction of lifecycle costs.

In this definition, the term 'system' refers to the combination and synthesis of humans, technology and environment to achieve a goal.

Ergonomics has existed as a profession for over 50 years, helping people to succeed in their jobs by means such as

- reducing human error in system performance

The sign is positioned below the driver's optimal range of vision, and on the sign itself, the trucks direction is incompatible with the direction of the arrow.



- reducing hazards to individuals in the work environment

Extended piping in the walkway could cause injury.