The modern concept of sound health refers to "The health which is the outcome of the interaction between the individual and his environment. He is healthy who is well adjusted".

Sound health in relation to vocation and employment is of utmost importance to the very life of the person who works and to the society as a whole. Occupation for the sake of livelihood has always been fraught with situations which cause ill health. Such situations have aptly been labelled as "health hazards". Occupational health, therefore is an attention seeking aspect which needs to be investigated at individual, group and community level. The environment at the industry has implications not only on the health, productivity and progress of workers in the industry but also on society as a whole.

Health status of the industrial workers has not been a major research problem among medical geographers. Since medical geography analyses the interrelationships between the human environment on the one hand and disease, nutrition and health care on the other, the impact of the industrial environment on the health of the workforce employed in various industries and the nature of health care provisions available for this segment of the population, forms an important area of study.
I pay my sincere regards to Dr.(Mrs) Jayasree De, Reader, Department of Geography, Faculty of Science, M.S.University of Baroda. She has been source of inspiration and encouragement throughout and made it possible to do a systematic work on this challenging topic. I extend the highest sense of gratitude to her for the pain she has taken showing the right direction at every stage from formulation of the study to presentation of this work.

I am thankful to M.S.University for providing scholarship for conducting the study.

I would like to express special thanks to the respondents of the industries for their cooperation and the time they spared for my study.

I would like to thank sincerely to Dr.Sunil Khasgiwala, Assistant Director, Health and Medical Services, Vadodara, Dr.N.K.Chawla, Medical Officer, ESIS Hospital, Gotri, Vadodara Dr.R.S.Durvasula, Department of Community Medicine, Medical College, Vadodara, Dr.Akshay Dave, Scientist, Gujarat Pollution Control Board, Vadodara for their help and cooperation.

I am very grateful to Head, Dept. of Geography and entire teaching and non-teaching staff for facilities and cooperation they provided during my work. I am thankful to
Shri J.N. Sinnarkar and Shri Sanjay Patel (Draughtsmen of Geography Department) for organising and preparation of maps and to Mr. Titus for typing the manuscript of this thesis.

Last but not least, I would like to express my very special and sincere thanks to my parents and family members for without their blessings, involvement, encouragement and support, it would not have been possible for me to carry out this study.

July 1995

Bindu M. Bhatt