Syllabus

For the trade of

HEALTH SANITARY INSPECTOR

Under ATS

Designed in
2010

by

Government of India
Ministry of Labour & Employment (D.G.E.&T.)
CENTRAL STAFF TRAINING AND RESEARCH INSTITUTE
EN – Block, Sector – V, Salt Lake,
Kolkata-700091.
List of members attended the Trade Committee Meeting for designing the course curriculum Under Apprenticeship Training Scheme on Health Sanitary Inspector held on 05/04/2010 At Conference Hall, Rajkot Engineering Association, Rajkot.
Shri S.D. Lahiri, Director, C.S.T.A.R.I., Kolkata

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<thead>
<tr>
<th>Sr.No.</th>
<th>Name and Designation.</th>
<th>Organization.</th>
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<tbody>
<tr>
<td>02</td>
<td>Dr.S.J.Rathi, Asst. Professor,</td>
<td>Department of Community Medicine, SBKS Medical Institute &amp; Research Centre, Pipaliya, Di. Vadodara</td>
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<tr>
<td>03</td>
<td>Dr.Niraj Pandit. Associate Professor</td>
<td>Department of Community Medicine, SBKS Medical Institute &amp; Research Centre, Pipaliya, Di. Vadodara</td>
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<td>04</td>
<td>Shri N.K.Bhadradia. Sanitary Inspector</td>
<td>C.U.Shah Medical College, Surendranagar</td>
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<td>05</td>
<td>Shri V.H.Rana. Principal</td>
<td>Gujarat Training Centre Vadhavan, Di. Surendranagar.</td>
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<td>06</td>
<td>Shri Bhavin N.Rathod. Director,</td>
<td>Gujarat Training Centre Vadhavan, Di. Surendranagar.</td>
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<td>07</td>
<td>Shri Pankaj M.Yadav. Consultant</td>
<td>Gujarat Training Centre Vadhavan, Di. Surendranagar.</td>
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<td>08</td>
<td>Dr.H.M.Jam. Sr. Medical Officer</td>
<td>S.M.O. Uraban, Vadhavan.</td>
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<td>09</td>
<td>Dr.Meera D.Ghoricha. Dental Surgeon</td>
<td>Swami Gurukul Hospital, Rajkot.</td>
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<td>10</td>
<td>Shri S.S.Lakhani. Health Inspector</td>
<td>C.U.Shah Medical College, Surendranagar</td>
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<td>11</td>
<td>Shri M.K.Parmar.</td>
<td>MSW.caritas India, Surendranagar.</td>
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<td>12</td>
<td>Shri S.A.Pandav. Regional Deputy Director</td>
<td>Regional Office (Training), Rajkot.</td>
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<tr>
<td>13</td>
<td>Shri P.R.Prajapati Training cum Placement Officer</td>
<td>Regional Office (Training), Rajkot.</td>
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<tr>
<td>14</td>
<td>Shri L.K.Mukheree. Deputy Director</td>
<td>C.S.T.A.R.I., Kolkata.</td>
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<td>General Information</td>
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<td>1. Name of the Trade: Health Sanitary Inspector</td>
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<td>2. N.C.O. Code No.: 3222.10</td>
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<td>3. Entry qualification: Passed 12th class examination under 10+2 system of education or its equivalent.</td>
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<td>4. Duration of Craftsman Training: One year</td>
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<td>5. Duration of Apprenticeship Training: One and half year</td>
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<td>6. Rebate to Ex-ITI Trainees: One year for ITI/ITC passed out trainees in the trade of HEALTH SANITARY INSPECTOR</td>
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<td>7. Ratio of Apprentice to Workers: 1 : 4</td>
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Syllabus for the Trade of “Health Sanitary Inspector” under Apprenticeship Training Scheme (ATS).

**Duration of Training : One and Half Year**

**First one year :** - During first one year, the apprentices will undergo the same syllabus of Health Sanitary Inspector under CTS.

**Next six month :** - The apprentice will undergo shop floor training in the related Establishment /Industry as per the under mentioned syllabus

**Shop Floor Training**

**LIST OF OPERATIONS**

1. Instruction and safety precaution as applicable to the trade.
2. Classification of public health Importance of foodstuffs.
3. Assessment of daily requirement of nutrition. Therapeutic nutrition.
4. Classification of sources of water. Modern methods of water purification,
5. Air sanitation, comfort zone and air pollution, Noise and its impact on health..
6. Method of waste disposal, Night disposal, sewage disposal,.
7. Various policies and law regarding industry, hygiene, environment, Biomedical.
8. Participation in various programmers, Arranging First aid treatment in case of emergency.
10. Visit to different types of health organization and acquaintance with their system.
11 Concept of behavior change communication, various mode of communication, Impact of communication.

12 Dressing of wounds, Bandaging, management of bone injuries with splints, slings.

13 Transportation of injured and unconscious case and their managements.

14 Assessment of desirable and organize health education program to bring about Desirable change.

15 Control of Biological Environment.

16 Prepare a report on general survey of health, Basic epidemiology.

17 Mode of disease transmission, Natural history of disease, immunity and Immunization, Treatment and prevention.

18 Epidemics and control of Epidemics and knowledge about WHO.

19 Health information and basic statistics, Demography-Family planning. Related Statistics.

20 Preparation of paper for legal proceeding.

21 Preparation of simple household test to identify adulteration in milk, ghee, Oil, sugar, tea etc.

22 Study and maintenance of record and reports to public health organization.

23 Diagnosis and treatment of minor alignment.
RELATED INSTRUCTION.

1 Study of Science of food, Introduction to Nutrition, Health and Disease.
2 Family assessment-Clinical examination, Balanced diet, Nutrition education..
3 Definition of environmental sanitation, various uses of water and its need. Water borne diseases, conservation source of water. Slow soul filtration, Rapid soul filtration form of chlorine –TDS, PH, chlorine volume.
4 WHO’s definition of environmental Sanitation.
5 Concept and importance of adequate ventilation. Types of ventilation.
6 Solid waste disposal, biomedical waste, segregation, collection, transportation,
7 Liquid waste disposal.
8 Night soil disposal.
9 Burial and cremation ground and mass casualty disposal.
10 Soil Sanitation, Classification of soil bacteria and parasites
11 General Principal of healthy housing home sanitation.
12 Sanitation measures in fair, festivals and natural calamities mass casualty Disposal.
13 industrial hygiene-workers health protection,
14 Communicable diseases, Immunity and immunization,
15 Non Communicable diseases.
16 Statistics and bio Statistics and their application and relation of public health.
18 Necessity of sampling, types of sampling methods
19 Demography and health survey.
20 Public health acts. System of national health care services.
21 Operation aspects of national health programmes.
22 Interpersonal relation and defense mechanism
23 Health education opportunities for health inspector.

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