



The Role of BIS in Clean and Healthy India is great. As it does so many things for cleanliness and healthiness in India. There are so many things that usually come in cleanliness and healthiness. They are quality food, safe water, fresh air and cleaning of <sup>our</sup> surroundings that includes cleaning of homes, cleaning of public places like parks, railway station, bus stand, banks and hospitals and also many more.

\* Let's see the Role of BIS :-

BIS provides so many Indian standards (IS) to ensure the cleanliness and healthiness in India. BIS also conducts awareness programmes like 'Domestic Solid Waste Management'. The purpose of this programme is to tell the people about transportation, storage, processing, removal or disposal of solid waste.

BIS has several approaches to cleaning that includes: quality certification, standards for disinfectant fluids, sustainable packaging, air filters etc.

\* Quality certificate

The BIS has granted the quality certificate to Ekaush Swachh Bharat Mission. This certificate helps us to ensure that the organisation will efficiently and effectively use the resources allotted them.

\* Standards for disinfectant fluids

The BIS has published an Indian Standard (IS) for disinfectant fluids that classify them in two categories / types: white and black. Each type then graded based on its germicidal properties.

\* Sustainable packaging

The BIS has published an Indian Standard for Sustainable packaging in areas such as consumer products, food products, biodegradable plastic, compostable plastic, industrial paper and more.



## \* Air filters

The BIS has published an Indian Standard for Air filters to the air elements in general ventilation and dust in air. This Indian Standard ensures the freshness of air.

Indian Standards by BIS for Cleanliness and Healthiness.

- ① IS 16020 → for food safety management
- ② IS 16021 → for GMP (Good manufacturing practices) food processing
- ③ IS 16086 → for street food vendors : food safety
- ④ IS 10500 → for treated drinking water.
- ⑤ IS 13418 → for natural mineral water.
- ⑥ IS 17570 → for air elements in general ventilation.
- ⑦ IS ~~17770~~ 17770 → for mass of dust in air (checking).
- ⑧ IS 4406:99 → for fluid cleanliness.
- ⑨ IS 2 and IS 3 → for cleanrooms.

That is how the role of BIS ~~is~~ in Cleanliness and Healthiness is very <sup>important</sup> ~~is~~. These all things tell the role of BIS in Clean and Healthy India.



## Clean and Healthy India and Role of BIS

II

Business is vital for our physical and mental health. Health is another critical aspect of a healthy nation. A healthy nation requires an equitable and accessible healthcare system that caters to all strata of society. BIS plays an important role in making India a clean and healthy country. As we know that BIS is the national standard body of India established under the BIS Act 2016 for the harmonious development of the activities of standardization, marking and quality certification of goods. Under this bureau only, the government of India has implemented a scheme for labelling eco-friendly products to be known as Eco-mark. This mark helps in indicating eco-friendly products in the market. It encourages consumers to be more environmentally aware in their day to day life and take into account environmental factors while making a purchase decision. Due to this mark only, there has been substantial less potential for pollution when compared to similar products in terms of usage, production and disposal. ~~The products~~ which contribute a lot to keeping India CLEAN. The ~~pro~~ecomark also ensures that the products are recycled, recyclable or made from recyclable or biodegradable materials. It contributes significantly to preserving non-renewable resources. Hence, in this way, ECOMARK reduces plastic waste, and chemical, toxins etc. and promotes natural resources.

In line with this, the Food Safety and Standard Authority of India commonly known as FSSAI, set up in 2008, ensures the proper monitoring of food hygiene and quality in India. It was functional from 2011 and ever since has been responsible for managing food safety in India. FSSAI not only tests and inspects the quality of food manufactured by companies but also spreads awareness and informs citizens about the importance of safe and quality food consumption. It keeps track of and promotes public health.



It uses <sup>scientifically determined criteria to</sup> regulate a  
of foods. It is in charge of <sup>scientifically determined criteria to</sup> hygienic standards, development  
storage etc... Many important initiatives such as Eat Right

India, Clean Street Food etc. Keep in mind food safety,  
By all this, it is quite clear that BIS has a significant  
role in healthy India too!!

Additionally, AGMARK i.e. agricultural mark also  
has a big hand in the goodwork. It aims to supply  
customers with high quality hygienic food items. It  
also increases crop's quality which has a major role to  
play in Indians' health.

In conclusion, BIS plays a crucial role in  
making India a CLEAN & HEALTHY country. — which is a  
stepping stone towards a prosperous nation.

Let us also contribute our part  
to make this dream a reality!!



## Role of BIS in clean and Healthy India

class-X<sup>th</sup> B.

The steal of cleaner, the key to healthier

III

The clean and Healthy is a vision shared by all the people. In India the government made many abhiyans such as Swachh Bharat Abhiyan. It has been many instruments to promoting healthy, Sanitiazation, hygiene and things related to the water. This vision achieved to we get faced many problems, stake holder and also involving Beareau of Indian standard (BIS).

### Standardization and Certificate

The BIS is established on ~~1987~~ 1987. It was achieving that the target clean and healthy India. It was responsible for formulating and implementing sanitiazation, hygiene and many other things. The clean and healthy India in which the BIS play vital role in it in so many categories. It also provides certificate to say that how the organisation was efficiently and ways of work by BIS. BIS also makes several programme on it like Domestic ~~solid~~ waste Management. In which it tells about the transportation, storage, solid garbage disposal. And this programme was worked in very better way that helps in it to people for the diseases, some bacteria <sup>from</sup> protecting with them.

The work of BIS :-

(i) Safe drinking water :- BIS ensures safe drinking water



to all the citizens. by 16046 IS.

(ii) Sanitization and hygiene :- BIS IS 15750 through it ensures and sets up public toilets and other facilities.

(iii) Air quality :- BIS, IS 16409 ensures the Air quality improves and Monitoring and management of the Air.

Impact of BIS in it :-

- 1) Enhanced the Economic sustainability.
- 2) Increases the Economic growth.
- 3) Increases the public facilities.

BIS provides Many Signals through the people. To achieve the target of clean and Healthy India. through IS 16020 it assure quality of food. And IS 12500 it ensure the quality of disposal for the garbage management. BIS plays a vital role in it. gives many ideas to how to clean the India. BIS improving the quality of water, food, etc. And ensures to clean the house if we clean the house then we clean the India. It protected the peoples from the many problems.

In conclusion, BIS plays a vital role to make india clean and healthy. It drives the organisation in a way towards the India that to achieve the target. If the India is clean then we can say that it was healthy and fruitful. And BIS set up many several Andolan and Abhiyan's on it. 90% of the people who access to improved the facilities and 75% of the peoples are reduced on it to improve.

[Standardization healthy, quality ensuring]



## Clean and Healthy India and

IV

### Role of BIS in it

Bureau of Indian Standard (BIS) is the national standard body of India established through act of BIS 2016 for the development of harmonious development of activities of standardization, marking, quality certification of goods. It provides traceability and tangibility to Indian economy. In following ways:- By providing safe and reliable food for us. It promote export and import substitute.

Cleanliness and health is concerning issue in India. "Cleanliness is next to godliness", this statement given by Gandhiji. People throw hard waste, plastic material and polythene. They didn't decompose and cause many diseases and this also produce housefly and mosquitoes and they are disease carrier. In same way we usually see fast food stalls in India. They sell very unhealthy food to us and with not correct packaging of foods. Thus, this is very harmful for humanity because it causes many



serious diseases such as food poisoning and sometime it also causes heart related problems. (IS 16066) - street food vendors food safety. BIS took many initiatives, one of them is Swachh Bharat Abhiyan, that is a successful initiative taken by BIS for clean India. BIS also tell how to decompose solid waste and minimize the use of plastic products and polythenes.

BIS do many chemical testing of food. They do standardization of food by making sure that this is safe and reliable. It does many quality certification of food and water that helps to prevent hazardous disease. It also keeps in its way food is securely packed. Like for Atta IS number is 1155:2022 which ensures gluten content and moisture content of Atta to ensure a good quality and safe product. The (BIS) has several standards for drinking water quality, including: IS:10500:2012 for colour, odor and taste, pH.

Ecomark: The purpose of this mark is to increase awareness in consumers towards reducing environment impact. (IS 16020) - Food hygiene. So, we can say BIS is working for a clean and healthy India.

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