

**EXTRA CO**  
COMPOSITES INDIA PRIVATE LIMITED



# MANHOLES AND **DRAINAGE** SYSTEMS

---

**LINED WITH TRUST AND  
REINFORCED WITH PERFECTION**



## ABOUT OUR COMPANY

Extraco Composites India Pvt Ltd., is a leading manufacturer in fibre glass industry, operating in accordance with the quality standards of ISO 9001:2015. Commitment to quality and customer satisfaction has always ensured successful completion of projects by providing a combination of reliable products and services. Much knowledge has been accumulated during the past two decades, resulting from extensive research, Product testing and providing advanced information on product performance.

The GRP Products & services provided by Extra Co. meet client requirements by providing long - term performance solution to the highest international standards.

## ACCREDITATIONS

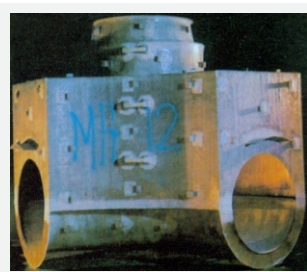
Extra Co. has obtained the followings accreditations:

- ❖ ISO 9001 : 2015 Certified for Quality Management.

## QUALITY ASSURANCE POLICY - ISO 9001 : 2015

To build Quality into the processes with Continual Improvement, to the customers standards, for achieving defect free products on time, every time aiming at Total Customer Satisfaction, by involvement of personnel and upgradation of technology with commitment to satisfy applicable legal requirement.

## GRP SEWERAGE AND DRAINAGE SYSTEMS



GRP Products include the preformed components to be used in Sewerage and Storm water disposal schemes, moulds for casting complex concrete portions, ladders, handrails and gratings.

## APPLICATIONS

- ❖ Sewer Treatment Plants
- ❖ Desalination Plants
- ❖ Powerhouse Intake Lines
- ❖ Irrigation Projects,
- ❖ Valves and Discharges Chambers

## LIST OF PRODUCTS

- ❖ FRP Liners
- ❖ Manholes
- ❖ Tank Sumps
- ❖ Collection Chambers
- ❖ House Chambers

## OVERVIEW

FRP products include the preformed components to be used in Sewerage and Storm water disposal schemes, moulds for casting complex concrete portions, ladders, handrails and gratings.

Some of the sewerage and drainage products produced include: FRP Liners, Manholes, Tank Sumps, Collection Chambers, House Chambers and related accessories.

## PRODUCT INFORMATION

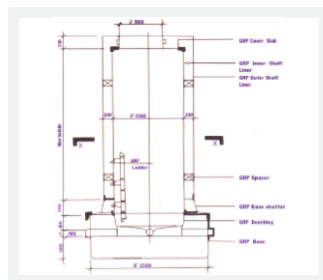
FRP Sewerage & Drainage Systems are manufactured from quality raw materials. Some of the products are described below in detail:

### MANHOLES

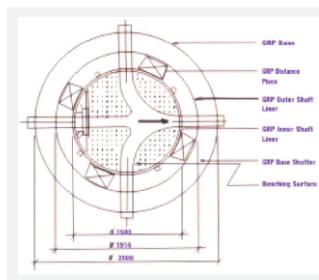
Our Manholes are designed to be used for Inspection and maintenance of drains or sewers, ventilation of drains or sewers, cleaning and flushing of drains or sewers, and housing of pumping stations and Inlet drain pits. Channels in MH are designed and fitted in a way to prevent splashing and /or possible deposition of solids.

### ADVANTAGES

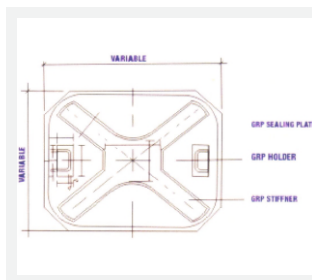
Compared to concrete manholes, Extraco FRP Structural manholes can offer far greater benefits and advantages which include non-corrosiveness and reliability with no degradation to the outer and inner layers of the manhole, as well as light weightness which facilitates handling and reduces time and cost during transportation and installation.



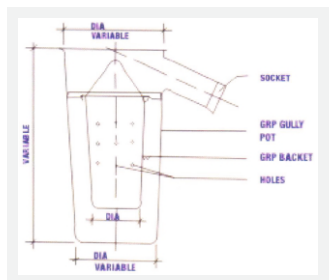
SECTION ELEVATION



SECTIONAL PLAN 'X-X'



PLAN - SEALING PLATE



SECTIONAL ELEVATION OF TYPICAL GRP GULLY POT

### TANK SUMPS

FRP Tank Sumps are non-corrosive and requires less maintenance during its working life. All sumps are vacuum tested for tightness, ensuring against water intrusion. Our covers are designed with a watertight seal and are flush with grade level to prevent trip and fall injuries.

### ADVANTAGES

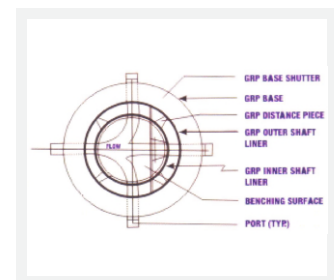
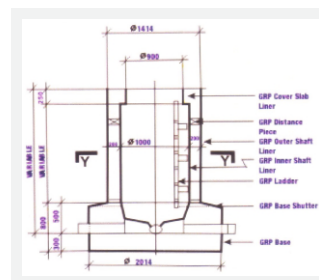
- ❖ Water Tight Sumps
- ❖ Cost Effective
- ❖ Non Corrosive
- ❖ Less Maintenance

### COLLECTION CHAMBERS

Collection Chamber Units are delivered as a single entity with or without external liner. The unit can be concreted in a single pour. Following are the special features of collection chambers.

### ADVANTAGES

- ❖ No Maintenance is required
- ❖ Light Weight implying easy handling and installation
- ❖ Excellent Physical Properties
- ❖ Inferior Friction Values
- ❖ Competitive Prices

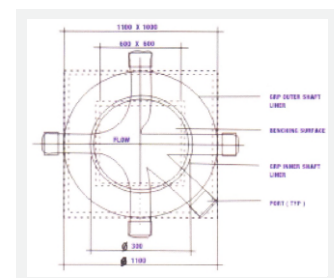
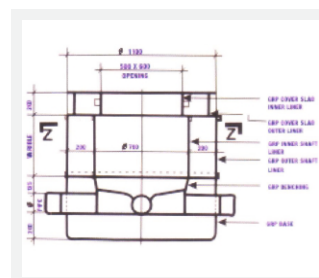


### INSPECTION CHAMBERS

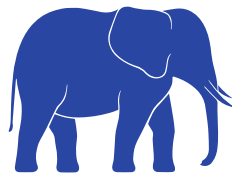
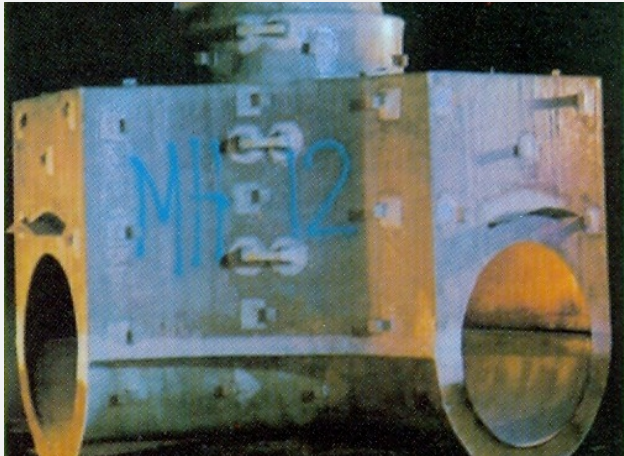
Inspection Chamber Units are produced and delivered as a composite unit along with all connecting ports. They are Chemically Resistant and are usable in highly contaminated areas.

### ADVANTAGES

- ❖ High Chemical Resistant
- ❖ Light Weight implying easy handling and installation
- ❖ Can be used in high contaminated areas
- ❖ Cost effective







# EXTRA CO

COMPOSITES INDIA PRIVATE LIMITED

## GET IN TOUCH



Office: #995-P, Diamond Plaza, 12th Main Road,  
2nd Avenue, Anna Nagar, Chennai-600 040



Works: Survey No.13, Tada Village & Mandal,  
Tirupathi Dist, Andhra Pradesh - 524401, India



+91 44 4269 3754  
+91 94 4409 1834



projects@extracomposites.com  
sales@extracomposites.com



www.extracomposites.com