



# PRAYOSHA INNOVATIVE

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## Level Indicator

The new concept based level indicator for all our **liquid storage tanks applications** as follows.

- Big and deep under ground water storage tanks for town water supply
- Big overhead water storage tanks for town / village water supply
- Chemical main storage tanks
- Chemical day tanks and in process tanks
- Domestic plastic and RCC water storage tanks
- Machinery gearbox oil level indication
- Fire water main storage tanks
- Diesel and other petroleum storage tank level indication
- Oil sump level indication
- Pressurized industrial liquid storage application
- Food grade liquid storage application

## Features

- No electricity needed, hence do not depend on any utility for its display and functioning.
- No direct vision, hence more safe in case of hazards chemicals.
- No holes at tank's liquid level walls hence no leakage possibilities.
- No float and no board, means easy mechanical erection work without any major size components.
- Simple to install within few minutes. For plastic tank just drill a hole on top and fit in few minutes. For fabricated metal vessels and tanks, provide special nozzle with specified deep pipe on top of equipment for installation by flange nut bolt tightening within few minutes.
- Best suitable for most of clear non volatile liquids and normal, medium or low temperature application.
- The Level Indicator display may be located at user convenient point. It may be directly on top of tank, May be above tank's top at any user convenient

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height or it may be below tank's bottom level as per best visibility / suitability.

- Possible to scale down or scale up display proportionally to suitable length as per user convenience. For example, we may increase display height for low depth tank as well as we may decrease display height in high depth tank during Level Indicator designing for specific tank.
- No corrosion because components are chemically compatible with handled liquid and no direct liquid contact.
- No or very low moving parts, gives better life.
- Re calibration simple, just empty the tank or remove the deep pipe, check zero level in indicator and fill tank or deep in again.
- Fit and forget design.
- Manufactured as per specific tank capacity and depth of tank.
- Works on non-pressure as well as pressure vessels / tanks but both applications are having design difference.
- May be installed with isolation valve for more safety in case of dangerous chemicals.
- No insulation needed on its surfaces for cold or hot application.
- Registered Design
- Patent Applied.

## **Limitation**

- High temperature volatile liquids.
- For liquid which may crystalline or solidify in tank or its piping.

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## **Manufactured By**

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