

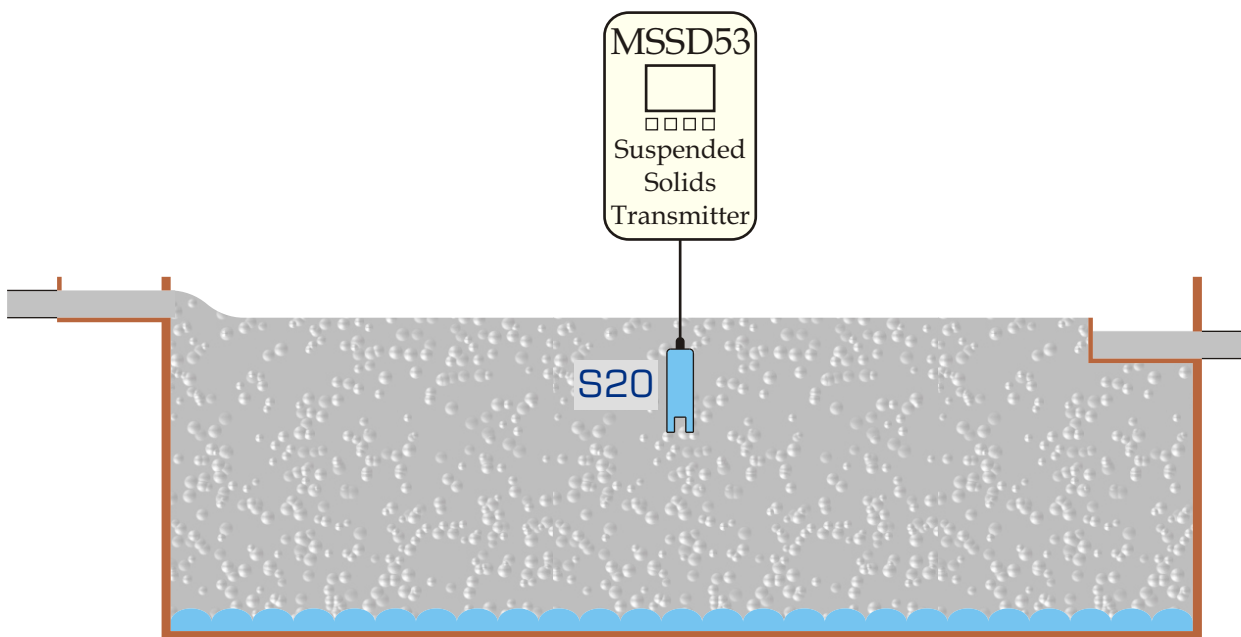


QUADBEAM TECHNOLOGIES

~ Specialists in process suspended solids & turbidity ~

Mixed Liquor Suspended Solids Measurement

The MSSD53 transmitter with the S Series 20 Suspended Solids Sensor, immersion style, are used in aeration basins to monitor the mixed liquor suspended solids (MLSS) concentration. The MSSD53 sends a current signal that is proportional to the solids concentration in the aeration basin. The control center uses this information to maintain the MLSS loading level.



MSSD53 Transmitter

- Single isolated fully scaleable 0/4 - 20mA current output that can be driven to 22mA or 0mA in an error condition.
- 2 fully configurable relay outputs.
- IP66 / NEMA 4X.
- Easily configured using the keypad and large multifunction display.
- User Adjustable Calibration Menu.
- Universal power supply 85 to 260 Volt AC/DC. or low voltage option 18 to 36 Volt AC/DC.

S20 Immersion Sensor

- Provides a continuous online monitoring of solids in the aeration basin.
- Uses Quadbeam™ 4 beam measuring principle which compensates for changes in diode's optical properties due to ageing and surface coating.
- Polypropylene body construction, with a 1-¹/₄ Inch NPT male threading.
- IP68 (NEMA 6).
- Has a 10m polyurethane covered cable, longer length are available.
- Optional cleaner maybe required.