



**इरिसेट**  
**ब्लॉक सिगनलिंग प्रयोगशाला**  
**प्रयोग सं.बी एस एल - 15**

**IRISSET**  
**BLOCK SIGNALLING LABORATORY**  
**EXPERIMENT NO.: BSL - 15**

नाम

Name : \_\_\_\_\_

अनुक्रमांक

Roll No : \_\_\_\_\_

पाठ्यक्रम

Course : \_\_\_\_\_

दिनांक

Date : \_\_\_\_\_

प्राप्तांक

Marks Awarded : \_\_\_\_\_

अनुदेशक के आक्षर

Instructor's Initial : \_\_\_\_\_

**Failure and wiring practice in Push Button type Tokenless Block Instrument.  
Podanur Make. IRS Specification: S.32/66.**

1. Record your observations for the following failures conditions duly operating the instruments as shown below:

S. No.	Position of the Instrument	Cause of the failure	Observations
1)	Instruments in Line Closed	Line supply low	
2.	do	Local supply low	
3.	do	Line supply terminal No1 & 4 interchanged	
4.	do	Line wires 6 & 7 interchanged	
5	do	Terminal No 35 disconnected	
6.	do	Terminal No. 36 disconnected	
7.	do	Terminal No 17 disconnected	

8.	Instruments in Line closed	Terminal No 19 disconnected	
9	Instrument in TCF-TOL	Terminal No 23 disconnected	
10.	do	Terminal No 23 & 46 interchanged	

2. Draw the external circuits to familiarize the external wiring for installation and replacement of the block instrument

a) ASTR Circuit:

b) SHKR Circuit:

c) SCKR circuit:

d) SNR circuit:

e) TAR Circuit:

f) LSS Indication Circuit:

**Signature of Trainee**