

La Stimulus

for diffusion process

(Purpose Of Creation)

Designed & Drafted By
Kharanshu Parekh

1

STATEMENT OF CREATION

La Stimulus is designed to produce Supportive File containing information of tube number of a particular run which is not available at online measurement instrument (SemiLab).

PROBLEM STATEMENT

2

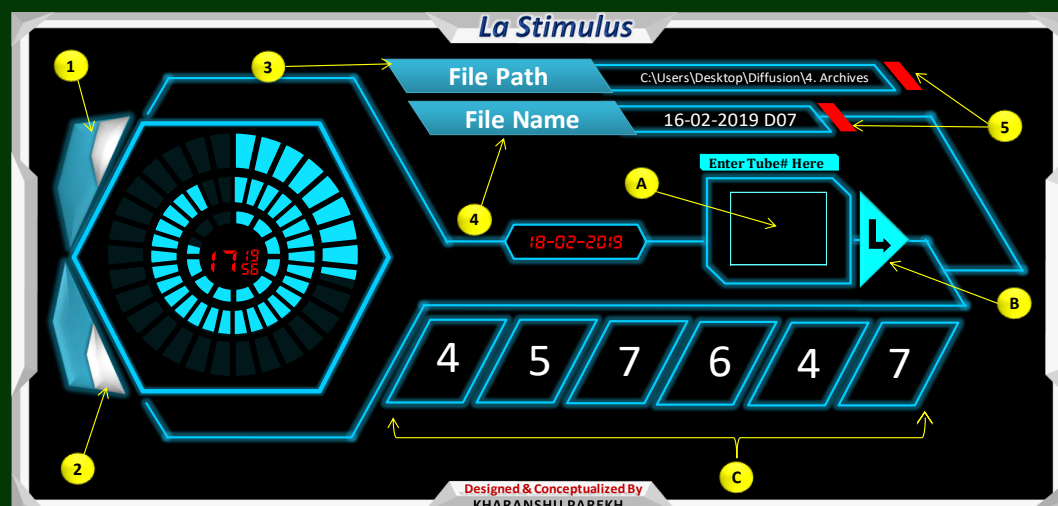
Inline measurement tool (SemiLab) which measures the Rsheet and HMI where the tube number of the incoming and outgoing boat is stored are a standalone entity and are not communicating with each other, hence synchronization between the value of Rsheet and its tube number are manually verified with the help of a measured time recorded at both ends.

The entire procedure is very time consuming and a slight mistake will question the integrity of data.

3

Outlook of La Stimulus

OVERVIEW



A Tube# Entry Space
User has to enter Tube# in the space.

B Launch Button
Helps to Launch Tube# with timestamp to S-Import File

C Flashback Window
Shows previously entered Tube#

- 1 Clock Play Button**
Helps to active Ticking of Digital Clock.
- 2 Clock Pause Button**
Helps to inactive Ticking of Digital Clock.
- 3 File Path Space**
Helps to change the path of S-Import File.
- 4 File Name Space**
Helps to change the name of S-Import File .
- 5 Lock-Unlock Indicator**
Indicates Lock /Unlock status of File Path and File Name.
RED = Space is Locked
GREEN = Space is UnLocked

1

Auto Timestamp Register

Time and date will automatically register against entered Tube# and this will help us to find a proper match between Rsheet value and Tube#

2

A Flashback Window

Six buffers with previously entered tube numbers are at the disposal of the operators to guide them if they have lost during data entry of tube#

3

Launch Button

The button is designed to transfer detail of the tube number to Supportive File and give confirmation upon completion

4

Auto-File change Feature

This feature will automatically change the supportive filename in the beginning of the month as well as at the middle of the month with notification.

- The operator has to enter a tube number on arrival of the diffused wafer boat at the designated place described in **La Stimulus**.
- Press the Launch button and tube# with a timestamp will automatically register in the Supportive File



Thank You