

4765

RISK DESCRIPTION

TREND

CURRENT

RESIDUAL

SCI_SPA_Level 3_Class 1 laser_3.3 Image Formation & Spatial Filtering



Negligible

Not
Assessed

RISK OWNER

RISK IDENTIFIED ON

LAST REVIEWED ON

NEXT SCHEDULED REVIEW

Manuel Emilio Pumarol Crestar

07/02/2018

07/02/2018

07/02/2021

RISK FACTOR(S)

EXISTING CONTROL(S)

PROPOSED CONTROL(S)

TREATMENT OWNER

DUE DATE

Exposure of scattered laser light to eyes from unexpanded / expanded beam

Class 1 laser:
0.3mW max CW at 632.8nm.

Control: A powerful laser was not required, hence the use of a lower power (only Class 1) laser

Control: The experiment is performed in an optics room (with 2 other experiments, separated by curtains).

This reduces the chances of the public or staff/students being exposed to the beam.

Control: Students instructed (via experimental instructions) to avoid directly viewing the laser beam or specular reflections.