

National Spherical Torus eXperiment Upgrade

A Few Comments on NTC Access

NSTX-U Physics Meeting- 11/30/20

S. Gerhardt

New PPE for NTC- Construction Hazards

- NSTX-U Recovery is entering a phase with more construction activities in the test cell
- Upgrade Project took away everybody's card access to ensure safety; Recovery is taking a more benign approach
- New PPE posted as condition for entry
 - Safety glasses
 - Sturdy leather close toed shoes or safety shoes
 - Hard Hat

Lab Provides PPE - Hard Hats

- Due to the COVID-19 restriction on common PPE, the hard-hat bins at D-site have been removed
- You can get your own hard-hat from the stockroom

Note - no shared PPE during COVID-19 times

Lab Provides PPE - Safety Shoes

For Lab Employees, PPPL will pay for Safety Shoes

- If an individual purchases shoes on their own an employee will be reimbursed the cost of the shoes (up to \$125) using the miscellaneous expense reimbursement form:
 - <https://pppl-intranet.princeton.edu/resources/accounting-financial-controls-division/forms-instructions/accounting-transactions>
- Anyone with signature authority for the account being charged can sign the miscellaneous reimbursement form.
- If any employee has a question on the purchase or reimbursement for safety shoes they should contact their supervisor (or Tom Egebo)

Lab Provides PPE - Safety Glasses

- Stockroom can provide normal safety glasses

For Lab Employees, PPPL will pay for Prescription Safety Glasses

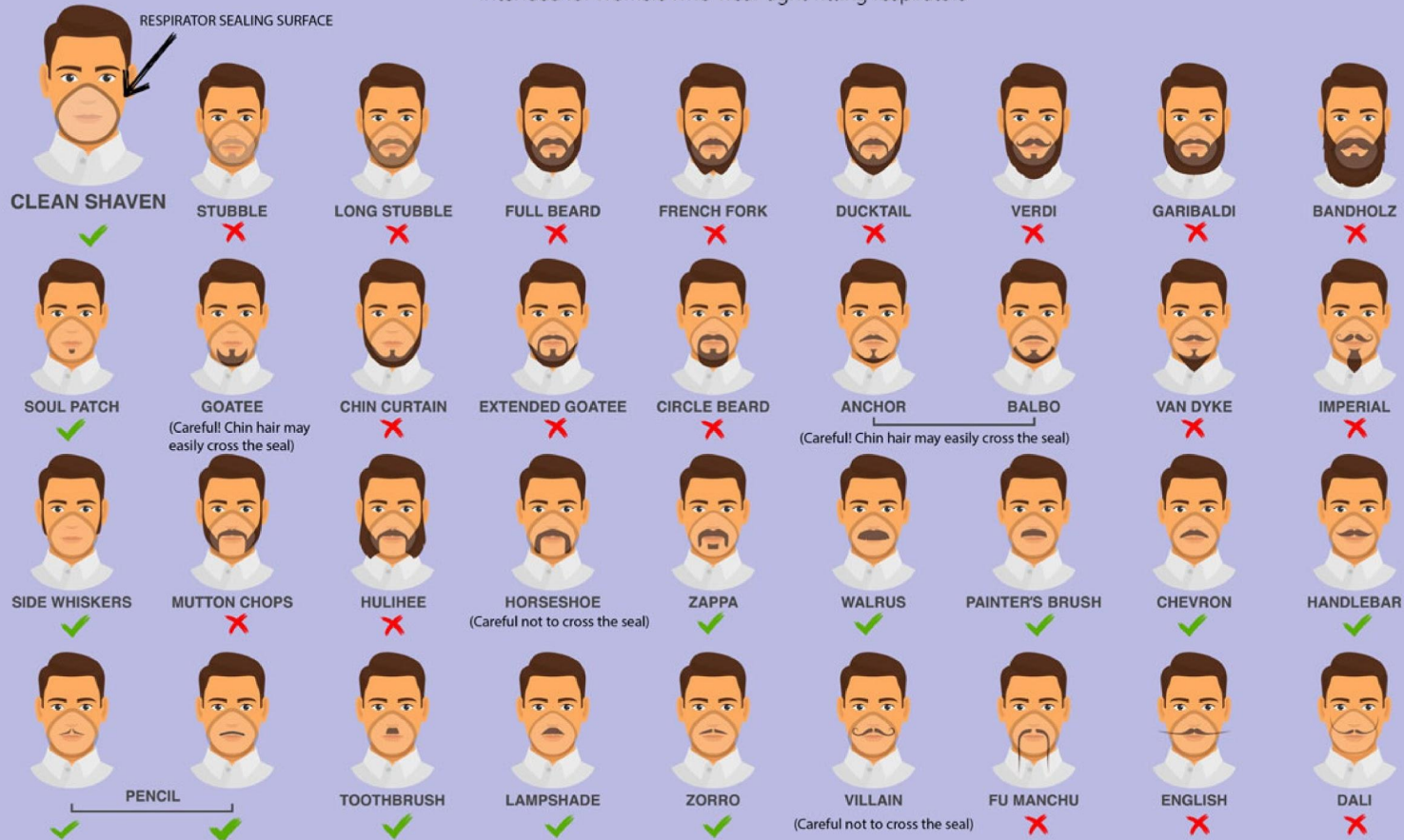
- Details can be found on the OMO Website:
<https://pppl-intranet.princeton.edu/resources/occupational-medicine-office/omo-programs>
- There is a prescription safety glass form on the OMO website that must be completed by the employee's supervisor.
- Fitting of Safety Glasses by an Optician is performed monthly in the OMO Offices and once the form is filled out and fitting is performed prescription safety glasses will be ordered.
 - ***Must bring a valid prescription***

New PPE for NTC - COVID-19

- NTC is now posted as requiring N95s
- N95s when required by PPPL are “respirators” per OSHA - you are required to be in the PPPL respiratory protection program to wear one.
- **Respirator Qualification (N95)** - 3 step process (see information under step 3 [here](#) for details)
 - **DMS On-Line Respirator Training:** [link](#)
 - take “respirator training”, not “dust mask training”
 - **Health Screen at PPPL OMO** - <https://pppl-intranet.princeton.edu/departments/omo>
 - Overflow capability at Penn Medicine available if needed
 - **Fit Test** - required for [each type of respirator](#)
 - contact Neil Gerrish (x2531, ngerrish@pppl.gov) or M. Davis (mdavis@pppl.gov)
- Don't try enter the NTC with an N95 that you have in your garage, and don't try to use a KN-95
 - These are not approved respiratory protection
 - PPPL provides approved N95s from the stockroom

Facial Hairstyles and Filtering Facepiece Respirators

Intended for workers who wear tight-fitting respirators



Original image vector by freidrisher/Shutterstock.com

*If your respirator has an exhalation valve, some of these styles may interfere with the valve working properly if the facial hair comes in contact with it.
 †This graphic may not include all types of facial hairstyles. For any style, hair should not cross under the respirator sealing surface.
 Source: OSHA Respiratory Protection Standard
https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=standards&p_id=12716
 Further Reading: NIOSH Respirator Trusted-Source Webpage
https://www.cdc.gov/niosh/nppt/topics/respirators/disp_part/respsource3fittest.html



Comment on COVID-19 Mitigation at PPPL

- Follow the JHA...it will boil down to...
- If you are WORKING within 6' of somebody, you should be in an N95.
 - Specific working tasks, covered by a JHA, are the only reason to be within 6' of anybody for more than a few seconds
- If you are not WORKING, you should never be within 6' for longer than it takes to pass in the hall
- You should wear a cloth face covering anytime you are out of your office

Training

<https://sites.google.com/pppl.gov/nstx-u-training-site/nstx-u-test-cell-access>