

PECH OPTICAL LABORATORY

TITLE:	DESCRIPTION:		
1. Receiving Bay	Used for lens and frame shipments, frames to come, Rx work, and general supplies.	OFFICE	
2. Inventory Area	Storage location for lab consumables.		
3. Mail Sort Area	Packages opened and frame to come jobs entered into system.		
4. Tray Up	Jobs placed into bar coded trays for identification and tracking purposes.		
5. Data Entry	REMO/VSP job information is transmitted to our system.		
Data Archive/Reprocessing	Additional required information is looked up in our records (up to 2 yrs old).		
Pre-Edit	Information reviewed to ensure proper coding has been used for product completion.		
Post-Edit	Cross reference between job order and original copy; final step before job processing.		
Third Party	Data entry that coordinates specific programs and pricing to orders.		
6. File/Hard Copy Records	All paperwork is filed for approximately 3 weeks before permanently stored.		
7. Customer Service/S.T.A.T. Team	Provide assistance to accounts through incoming and outgoing calls.		
8. Runner	Locates jobs in process that need to be identified for any reason.		
9. Call Stack	Jobs with missing or incorrect information are called on for clarification.		OFFICE
10. Conveyor Belt	Transports trays to appropriate stations throughout the lab.		
11. Office Manager	Oversees data entry, reprocessing, third party, and pre/post-edit areas.		
12. Frame Department	Frames, clip-ons, cleaners, magnifiers and tools are stocked and used to fill orders.		
13. Lens Department	Semi-finished and finished lenses are stocked and pulled for each job order.		
14. LOH Taper	Lens front is taped to protect the surface; job can no longer be cancelled.	SURFACE	
15. LOH Auto Blocker	System blocks each lens at a faster rate than manual blocking.		
16. Micro Separator	Handles debris from semi-finished lenses.		
17. Stacker	Trays are stacked and jobs left to cool.		
18. V Pro Generator	Creates the initial cut on the back surface of the lens.		
19. Tool Towers	Automatically pulls tools needed for jobs and returns cleaned tools to storage.		
20. Tool Washers	Cleans tools in preparation for storage and reuse.		
21. Finer/Polishers	Fining and polishing done based on the curves and diameters of the lenses.		
22. Deblock and Wash Up	Blocks are removed manually or by air compression, tape is removed and lenses sorted.		
23. G4 Steam Lens Washer	Programmed to wash or wash and scratch coat lenses.		
24. First Inspector	Automated lensometer verifies power, prism, and axis. Visual surface inspection performed.		
25. Specials	Special jobs (slab-offs, flat curves, high prism lenses, diving masks, etc) are handled.		SURFACE
26. DAC Lathe	Freeform lenses are processed and polished.		
27. Operations Manager	Oversees all departments of lab production.		
28. IT Room	Houses the mainframe computer and back up server.		
29. Gerber Line	Manual line used for jobs that cannot be processed in the LOH automated area.		
30. LOH Tools	Contain computer chips (created by Precision Tool) to be used in the robotic area.		
31. Maintenance	Maintain and repair machinery used for production.		
32. Zeiss/Teflon/Foundation AR Room	Vacuum pressured chamber causes different metals to evaporate onto lenses in stages.	AR	
33. Crizal and Outside Coatings	Lined multifocals, tinted lenses, and some mirror coatings outsourced for AR application.		
34. TD2/Crizal/Alize AR Room	Uncut lenses only are placed into chambers for application of desired AR coating.		
35. Safari Mirror Coatings	In-house mirror coating system.		
36. "Guts" for the Crizal Area	Houses equipment needed for controlled production in AR facilities.		
37. Crizal/Zeiss Maintenance	Responsible for cleaning and maintaining AR machinery as scheduled.		
38. Frame to Come/Tracers	Provides storage for frames while lenses are being surfaced; frames inspected and validated.	FINISH	
39. Progressive Ink Marker/Laser Imprint	If required, progressive lenses receive generic ink markings and stamp drop plates. Laser imprinted for freeform.		
40. Final Surface/Uncut Inspect and Package	Visual surface inspection, power, prism, and axis checked. All uncuts packaged for shipping.		
41. Verifiers	Electronically verifies the lens power and blocks the lens on axis for edging.		
42. Regular Edgers	Used for standard edge jobs.		
43. Benchwork	Assembles all completed zyl, metal, and groove Rx work.		
44. Inspection Finish & Cosmetics	Inspector checks Rx and cosmetics of each job.		
45. Wash Up	Lenses are cleaned and packaged for shipping; final stage.		
46. Repairs	Work with jobs requiring soldering, frame repair or replacement.		
47. Breakage Board	Daily monitoring and postage of production numbers to assure quality performance.		
48. Quality Control	Establish company standards and procedures for all departments; train, certify, and monitor inspectors.		
49. Glass Department	Performs the start to finish process of glass lens production.		
50. Tinting	Tint coatings are applied to lenses.		
51. Roll & Polish	Low luster polish done by machine; high luster polish and rolling are done manually.		

TITLE:	DESCRIPTION:
52. Special Edgers	Used for jobs with special edge requirements (safety, sport, drill mounts, 8 base and wraps).
53. Drills	Three different drill machines used based on individual job requirements.
54. LOH ES3	Edges sharp corners and grooved rimless jobs; initial phase of robotic edging.
55. MEI Edger	Offers premium lens edge work in difficult frames; such as wrap and sunwear.
56. Mounting Drill Jobs	Finished drill jobs are assembled and adjusted; total inspection performed.
57. Mail/Shipping	Sorts jobs by account to be shipped by various delivery methods.
58. Internal Communications	Handles outgoing supplies and correspondence to Sales and Education personnel.
59. Education Department	Provides training through seminars and webinars by certified educators.
60. Administration Area	Houses the Administration Team offices; also the Accounting and Marketing Departments.

