



REPURPOSING MFG IN CA FOR COVID19 (CMTA - 3:30 p.m., March 25, 2020)

ABLE TO REPURPOSE	CA REGION / CITY	WHAT THEY CAN MAKE / ARE MAKING	Contact Name	Contact info
<b>March 25, 2020</b>				
Fiat Chrysler		Can provide engineering, design, logistics to existing ventilator manufacturing companies	Ross Good	
Parallax	Rocklin	Have two vertical CnC mills available as well as a Co2 laser cutter. Also, If needed we have a full production line for pcb Manufacturing.	Ken Glass	
Sciton	Palo Alto	Offering its FDA-compliant facility that currently manufactures FDA-approved laser devices. Could assist in making respirators, ventilators, masks etc.	Zachary Miller	
Sleeping Bear Capital	San Mateo	They own a fuel cell manufacturer with 50,000 square ft. facility with an industrial laser cutter, laser welder, CNC milling machine, ovens for curing, and other equipment.	Ranvir Gujral	
Superior Food Machinery	Santa Fe Springs	Interested in repurposing some of their food machinery manufacturing, but are unsure about how they can help.	Karen Peach	
Temptron Engineering	Canoga Park	Interested but need guidance on how their thermal tubing manufacturing can be helpful.	Tim Phierry	
Tri Tool	Rancho Cordova	Could offer facility space, production personnel resources and potentially engineering resources. Indirectly, can support with build to specification machined parts and assemblies (both mechanical and electromechanical). Standard product line could be helpful with any facility construction or maintenance needs. Also offer custom engineering solutions with machining applications. Have field service teams also available to assist with any on site machining / welding needs. Extensive list of manufacturing partners to tap into, in the event Tri Tool cannot directly help.	James Laystrom	
Wisoman Foods	Hayward	They manufacture food (tortillas & flatbreads) but have extra space to make masks. Would need a little guidance on how to make masks or PPE though.	Sonal Rajyaguru	
<b>March 24, 2020</b>				
Able Industrial products	Ontario	Will sign NDA's and do whatever they can to chip in. Have several capabilities that are needed in medical industry and have extra capacity. Between their Ontario, California and Tijuana, Mexico facility, they have the manufacturing capacity. <i>(Newly completed controlled environment for die cutting and laminating. Delta Mod Crusader Laser Rotary-a state of the art high speed rotary die cutting machine for challenging parts with high volumes, as well as 3 additional Delta Rotary Die-Cutting Machines Laser Cutting. Water Jet Cutting. Router Cuttin. Slitting Laminating. All aspects of die cutting. Clean Room Assembly)</i>	Gilbert Martinez	
Advanced Manufacturing Workforce Development - Mark Martin	Bay Area	Working with a designer in Wisconsin who has been working on a face shield for medical providers. He's part of a design firm, and is working with a WI hospital and engineering school to develop this over the past week or so. <a href="https://www.delve.com/insights/face-shield-designs-to-fill-the-gap">https://www.delve.com/insights/face-shield-designs-to-fill-the-gap</a> Mark is working on trying to get this manufactured in the Bay Area also. Would like to talk with someone at the state who is dealing with supply chain issues around PPE, for a way to connect with relevant hospital systems to see who might be interested in purchasing such a face shield.	Mark Martin	
Affordable Plastics	Ontario	They manufacture PET plastic bottles, from 4oz-6.5 Gallons in size. Already provide some essential items, but they have aprox. 7,500 sq ft or so, that they would like to convert to making N95 masks.	Aldo Villalpando	
Alom	Fremont	Prepared to take on more. They are pre-certified for medical grade manufacturing.	Hannah Kain	

Del West Engineering	Santa Clarita	Specialize in manufacturing small, precise parts. While they have lathes and mills, the significant percentage of business is for round parts, so turned/drilled on lathes or honed/ground on specialty equipment. Their machines can accommodate pretty much anything up to 24" across, but sweet spot, in terms of capacity are smaller items so 4" or less. Materials they commonly work with include aluminum, titanium, high strength steel, and nickel. Specialty is difficult to process materials up to and including intermetallic compounds and metal matrix composite. Current employee count is 126 workers. Until recently their factory has been running seven days a week, 20 hours a day.	Connie Sommer	
FATHOM	Oakland	Launched an effort to bridge the medical community's shortage needs to providers who are able to directly help, quickly. The response to this campaign proves that our medical community needs the 3d community's help. <i>Connecting Industrial 3d Printing Manufacturing to Help the Medical Community</i> at link to the right.	<a href="https://studiofathom.com/blog/covid-19-response">https://studiofathom.com/blog/covid-19-response</a>	
General Motors & Ventec Life Systems	National	General Motors and Ventec Life Systems, in cooperation with StopTheSpread.org, the nation's coordinated private sector response to COVID-19, are collaborating to enable Ventec to increase production of its respiratory care products to support our country's fight against the COVID-19 pandemic. Ventec will leverage GM's logistics, purchasing and manufacturing expertise to rapidly scale up production of their critically important ventilators and get them into hospitals as quickly as possible. GM will also continue to explore additional ways to help in this time of crisis.	IN PLAY	
Hardcraft Industries	San Jose	Would like to help with ventilator support - They are precision metal fabricators, with state of the art fiber laser cutting, punch cutting & forming, bending, CNC milling & turning, welding, painting, and assembly capability. They have a number of customers in the medical space for whom they produce tight-tolerance sheet metal parts along with CNC machined and welded parts and assemblies. Also provide mechanical engineering services. ISO9001 and ITAR registered. Have capacity and would like to help the cause.	Brandt Kwiram	
Harris & Bruno	Roseville	Have CNC equipment but their orders are slowing down. Would like to be manufacture something critical; but don't know anything about ventilators, etc.	Nick Bruno	
Harveys Industries	Santa Ana	Potential for shift in manufacturing facility to make PPE masks. Has a vendor who they currently work with who can supply them with materials and they can get this implemented possibly by the end of the week.	Jessica McNew	
Matter Hackers	Southern CA	Matter Hackers has built a website to identify and enlist companies who can engage in the additive manufacturing process to make ventilators and other needed medical equipment. MatterHackers is a supplier/distributor of 3D printing equipment and supplies.	<a href="https://www.matterhackers.com/news/covid19-hub">https://www.matterhackers.com/news/covid19-hub</a>	
Tesla	Fremont	Working with Governor on ventilator production. Donating N95 masks too.	IN PLAY	
Westec Plastics	Livermore	Has ISO Class 6, 7, & 8 cleanrooms. We are certified ISO 13485 and approved suppliers for many large medical companies. Currently, we have the bandwidth to help support with burst manufacturing needs to help fight the coronavirus crisis.	Tammy Barras	
<b>TRAINING OPPORTUNITIES FOR MANUFACTURERS DURING COVID 19</b>				
Autodesk	San Francisco	Providing a list of manufacturing courses, available for free on Autodesk Design Academy. These courses guide learners through key manufacturing concepts, while developing technical proficiency. Six online courses include over 85 hours of video content, assessments, challenge assignments, and step-by-step guides. Each course is aligned to in-demand roles and skills to prepare learners for the latest industry trends like computer aided manufacturing (CAM). See list at link to right. CMTA will be working with Autodesk throughout this crisis to help upskill the State's manufacturers.	<a href="https://www.autodesk.com/education/covid19">https://www.autodesk.com/education/covid19</a>	



		We are taking this day by day. We have two employees working remotely due to high risk health issues.		
		We are getting classified as an essential business due to the fact we manufacture the wash basins needed for the Covid-19 virus.		
		All employees who can work remotely are doing so until further notice. Only employees who work in manufacturing or secure facilities will continue to report to work and abide by social distancing guidelines. Sites are being cleaned aggressively and cafeteria operations have been adjusted to adhere to current guidance as well.		
		We are a distributor. No manufacturing and no transferring from bulk to containers.		
		Personnel external to physical production activities have transitioned to working remotely. Production support personnel are working remotely where possible. On-site production personnel are operating under heightened control conditions per CDC, and WHO guidelines with an emphasis on "social distancing". Production support roles are being flexed to achieve a minimum number of staff on-site while ensuring employee safety.		
		We produce sodium hypochlorite (bleach) which is used at many of our surrounding municipal water treatment plants. This means we would need to maintain operations far beyond most chemical manufacturers. Is there anything that CMTA or government agencies CMTA has contact with can do to help us maintain operations should things progress further? For example hygiene items like disinfectant wipes, disinfectant solutions, and respiratory masks. Additionally, should we need to sequester a skeleton crew in the plant to maintain operation, can government assistance with supplies such as food, water, and bedding. We are working hard to procure all of these things, but obviously this is difficult in the current environment.		
		Might stop operation soon due to increase in virus incidence		
		Manufacturing is on hold but we are still shipping product.		
		We are considered Essential Manufacturing for the US because we are pharmaceutical.		
		We are very pleased with all of the great communication coming from your agency and all other CA agencies. We are following all the guidelines and protocols re social distancing and extra cleaning. 80% of our workers are able to work from home. Our hourly shop lab technicians are the most impacted with reduced/rotational schedule. We are still figuring out if we can absorb paying them full time during this crisis or if we will direct them to file EDD claims for lost wages due to reduced schedules. We are heavily relying on continued daily communications from you and other governmental agencies, to help us navigate this.		
		Hardest thing is employees are commenting that the company does not care about them because we are not sending everyone home paid. We have allowed for some work from home where it makes sense. We are maintaining clean spaces and hygiene. However, we are a DoD, DoE Mfg supplier with still strong supply chains as we are American made. I am trying to understand more about the Presidents defense production act and how it will support my operations.		
		We hope we will be able to stay open as a wholesale manufacture of illuminated signage for our customers.		
		Our company is following CDC and public health guidelines. We has implemented an Infectious Disease Outbreak Response Plan throughout its facilities to protect the health of its workforce while maintaining business operations and minimizing the potential for adverse effects of those who work with the company We will continue to follow CDC and public health guidance and will update its plan to reflect any updates to CDC guidance.		
		All aspects of food supply chain must be taken into consideration from material to transportation		
		All County orders from health departments requiring sheltering in place exempt the transportation fuel supply chain (refining, pipelines, tanker drivers and gas station), allowing us to maintain on interrupted operations. We have not had any employee-related absences that have impacted our operations (Marathon Petroleum - Steve Konig)		
		We have been following strict social distancing guidelines, sanitizing all common areas on a regularly & we do not have clients coming to our facility.		
		Seeking advice on what to tell employees regarding the Essential Business exemption we are claiming so they feel safe traveling to and from work should they be stopped by law enforcement. Many are English as a second language workers.		
		Use inferred body temperature for all employees beside mask and other things...		

		Luckily we are exempt from any govt mandated shutdowns due to defense work.		
		Added disinfecting cleaning protocol. PPE hard to come by during this time.		
		Essential to Site operations personnel only - all others are working from home / remotely (hence response of 50% on question #2)		