

July 31, 2018

--Important Announcement--

******Changes to GEX B3 dosimeter provision policies******

GEX is committed to meeting critical product quality standards, reducing risk to product quality, and providing outstanding service to our customers.

We ask that you please review this information carefully and begin planning the accommodation of the following changes into the management and planning for your dosimetry system:

1. Dosimeter Batch Planning and Provision

- a. GEX will no longer guarantee fulfillment of orders of the same batch of dosimeters in separate, subsequent orders (i.e. separate stocks).
Note: B3 dosimeter batches are designated by two alpha characters, e.g. 'CG'.
- b. GEX will cease the practice of designating specific batches and thicknesses within those batches to specific customers based on forecast dosimeter usage rates.

2. Dosimeter Stock Response Function

- a. As always, GEX guarantees the quality of all dosimeter products.
- b. GEX will no longer guarantee the equivalency of B3 film response from different stocks of dosimeters (i.e. - dosimeters delivered in separate shipments). The burden of proof and risk in using such a practice shall lie with the end-user.

This policy change will mitigate the risk of disruption of customer's operations. There isn't a simpler practice than the ordering of a stock and the calibration of that stock. All that is required is minimal advanced planning. It is advised to receive and begin calibration of dosimeters 60 days in advance of the need to start using them.

Any subsequent requests for additional stock of the same batch will be evaluated on a case-by-case basis. If the order can be filled from the same batch, the customer will assume the risk if the subsequent stock does not pass equivalency testing and will need to conduct a full calibration of the subsequent stock. This requires the planning of adequate time into the purchase and delivery of dosimeters to allow for appropriate qualification before use.

We fully expect that some customers will place orders for subsequent stock and will qualify those dosimeters for use with an existing calibration from a previous stock due to an urgent need or situation. However, there should be no assumption that the subsequent stock will pass equivalency testing against the original stock that was calibrated. To the contrary, all customers should plan for worst case. If the response is not equivalent, there are actions that can be taken in the short-term if calibration of a new stock is not possible in the time-frame allowed by operational needs. Correction factors can be applied to calibrations or changes to dosimeter uncertainty can be incorporated into irradiation planning. This will be at the discretion of the user and GEX can only provide guidance and suggestions for such a situation.

GEX is not suggesting that existing methods utilizing ongoing stock shipments are not adequate for your business, but we are simplifying our policy and asking for your cooperation. There have been too many issues with this practice and GEX is not exposed to this risk by our customers that order annually. We feel we are at the mercy of short-stock planning practices and this must end.

Implementation Timeline

The only immediate step to take is to ensure that you are planning to receive dosimeters 60 days before they will be needed. If you don't have a 60-day supply of dosimeters today, then you are taking a risk and we

suggest that we need to work quickly to get you more stock. Doing so provides adequate time for worst-case risk factors Any effort on your part with these stock levels will reduce your risks.

Over the next year we will work with companies and sites individually to plan your first annual shipment. Our objective is to fully implement the policy 12 months from today. In the short-term, this simply means that you also need to start planning new procurement and calibration rules and timelines for the purchase receipt and testing of shipments of B3 dosimeters.

Next steps:

- Evaluate your annual dosimeter needs for each B3 product type that you use. We have very good electronic records of all shipments so please ask for help if you need it. We can help you arrive at a reasonable figure based on your historical order records.
- Review your SOPs to determine what changes may be required. (About 1/3rd of our customers have current SOPs that already comply with the new policies).
- Discuss your procedural changes with operations, quality, and procurement departments within your company.
- Contact GEX to discuss your questions and to plan a specific time of year for delivery.

Email: cs@gexcorp.com

Subject Line: *'Batch Planning – [enter company name and location city]'*

Phone: +1 720-573-4659

Sean Coffman

Customer Service Manager

We appreciate your business and we will approach you as necessary if we don't hear from you first so that we can work together to ensure ongoing supply and calibration of dosimeters to meet the needs of your operations and compliance with industry standards.