

# RAM GENE-1 Maintenance Log v1.0



To be used with HPA Standard Operating Procedure 'Routine Instrument Check' to be found inside the RAM GENE-1 instrument box

date of check (month/year)	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__
routine following use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
external damage	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
battery change due	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
battery changed	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
switch on / self test results:																			
• alarm signal heard	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
• rate LED lit	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
• display showing 8.8:8.8	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
dose-rate function check:																			
• dose rate LED lit	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
• background reading 0.01–0.2 µsv/hr	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
contamination rate function check:																			
• contamination rate LED lit	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
• background reading 0-1 cps	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
next check due (month/year)	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__	___/20__
initials of examiner																			

Annual battery changes due (month) / done (tick box)      \_\_\_ 2005       \_\_\_ 2006       \_\_\_ 2007       \_\_\_ 2008       \_\_\_ 2009       \_\_\_ 2010       \_\_\_ 2011       \_\_\_ 2012

- Action in event of instrument failing
1. Return instrument to storage box;
  2. Clearly label the outside of the box 'instrument faulty';
  3. Inform head of department that instrument has failed;
  4. Contact Health Protection Agency Radiation Metrology Group (telephone: 01235 831600).