



## Safety checklist for INT visiting astronomers

**Purpose:** To inform INT visiting astronomers of identified risks in the workplace and control measures to be followed.

**The signed check list is collected by the INT SA and sent to Admin.**

<b>Risk:</b>	<b>Control Measure:</b>
Covid-19	<a href="https://ingconfluence.ing.iac.es:8444/confluence/display/INGPublic/Covid-19+procedures+for+visiting+astronomers+and+contractors">https://ingconfluence.ing.iac.es:8444/confluence/display/INGPublic/Covid-19+procedures+for+visiting+astronomers+and+contractors</a>
Liquid nitrogen	The SA provides you with instructions for filling the INT detector and informs you of potential risks and first aid measures. See <a href="http://www.ing.iac.es/Intranet/safety/LN2en.pdf">http://www.ing.iac.es/Intranet/safety/LN2en.pdf</a> . You must use the personal protective equipment (PPE) provided.
Lone working	The SA will explain you how to use the lone working alarm system <b>while the OSA is present in the WHT</b> (in order not to cause an unwanted call out!). <a href="http://www.ing.iac.es/Intranet/safety/INT_lone_worker_alarm.htm">http://www.ing.iac.es/Intranet/safety/INT_lone_worker_alarm.htm</a> . You should carry this system while you are alone in the building. This will particularly be the case outside normal working hours, when the Observing Support Assistant (OSA) has not started work. The OSA starts work usually 30 minutes before sun set. If no member of ING staff is on site (this is the case on days when the OSA change shift) visitors are not allowed to work alone. Nobody would be available to investigate a lone worker alarm! Visiting observers must inform the Residencia receptionist before they leave to work alone on our telescopes. The receptionist will inform them about restrictions and provide information e.g. on weather pre-alerts. In case of weather alert, visitors must not work alone.
Visiting instrument setup	Activities like working at height, use of working platforms, electrical work, use of cranes, laser alignment work, that come with identified hazards in <a href="http://www.ing.iac.es/Intranet/safety/BUSINESS%20COORDINATION.pdf">http://www.ing.iac.es/Intranet/safety/BUSINESS%20COORDINATION.pdf</a> must be agreed with the head of operations and must not be carried out working alone.
Roof access	Always use a torch in darkness. No roof access is allowed when there is snow and ice on the roof or the structures above! Do not access stairs, neither on the north side roof nor on the south side on the roof. Do not step onto the metal panels on the roof.
Falling down stairs at night	Always use a torch in darkness. Carry lone working alarm system.
Ice or snow	Never walk close to buildings or other structures. Use only main entries to buildings. See <a href="http://www.ing.iac.es/Intranet/safety/IceSafety.php">http://www.ing.iac.es/Intranet/safety/IceSafety.php</a> . Park cars in distance to buildings and other structures. Follow instructions for driving ING vehicles.
Walking into obstructions	Always use a torch in darkness.
Crushed by moving floor/ dome	Always use a torch in darkness. Never change an optical component if the telescope is not at zenith (IDS) or at access park (WFC).
Hit by moving telescope	Always use a torch in darkness. If you are not alone operating the telescope you need to coordinate work with your colleagues.
Driving	Obey the driving instructions you signed when receiving the car key. <a href="http://www.ing.iac.es/Intranet/safety/VisitingAstronomersVehicle.pdf">http://www.ing.iac.es/Intranet/safety/VisitingAstronomersVehicle.pdf</a> and read the related <a href="#">risk assessment</a> .
Driving in adverse weather	Ask ING staff for advice and coordinate driving with ING staff. This is especially important when driving from the telescopes back to the Residencia at night, e.g. when abandoning due to bad weather.
Walking on paths near site	Follow advice in the visitor pack.
Incident reporting	Always report accidents (or near misses) of any kind to ING staff, who will ensure that the incident is recorded properly, and that any appropriate measures are put in place to avoid a repeat incident.

I understand, accept and will comply with the recommended control measures.

Name:

Signed:

Date: