

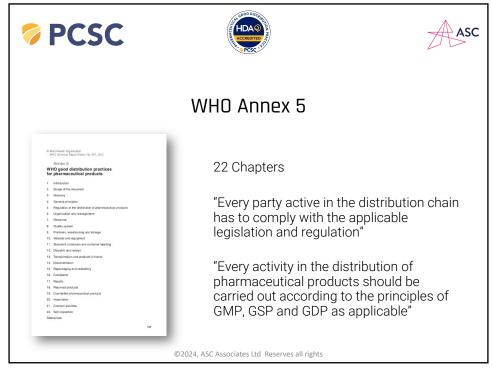


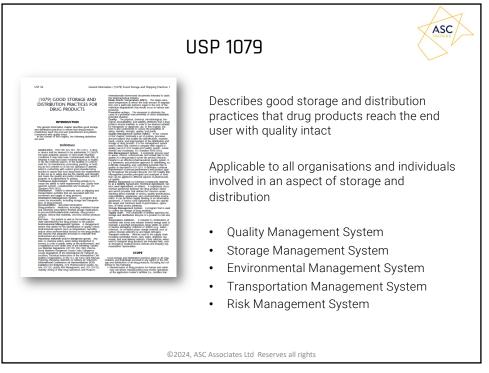
PCSC		ASC
	Global Guidelines	
Region	Regulations	
EU	EU Guidelines on Good Distribution Practice of Medicinal Products for Human Use 2013/c 343/01- Adopted by the EU Sept 2013	
PIC/S	Pharmaceutical Inspection Co-operation Scheme - Guide to Good Distribution Practice for Medicinal Products	
Americas	DSCSA – Drug Supply Chain Security Act	
Rest of world Asia	WHO's "Good distribution practices for pharmaceutical products" and "Guide to storage practices for pharmaceuticals". Annex 5	
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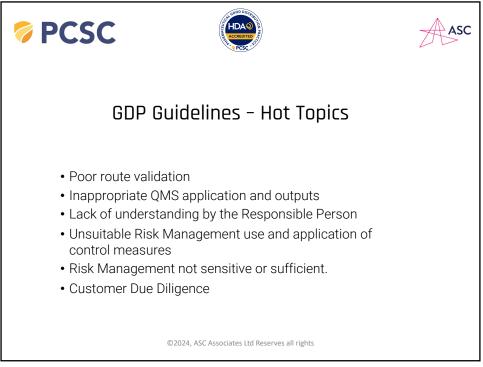


PCSC ASC EU Good Distribution Practice ROM EUROPEAN UNION INSTITUTIONS, BODIES, AND AGENCIES EUROPEAN COMMISSION **Revised Guidelines of** 24 November 2013 on Good Distribution Practice of Medicinal Products for norage Human Use ke identified in subchapters net. It also gives more exploebution of mailting position is an in imageneed supply durin management, manuals for mailting modern in of the European Parliament and of the er 2001 on the Community code relating to human use, O(1,1311, 2011,2001, p. 47. Institution Practice of medicing landscap for (OJ C 343/1, 23.11.13) C 48, 81.2013, p. 1. pean forfament and of the for a reports the prevention the defi-cluss of folgibal madazed whether ©2024, ASC Associates Ltd Reserves all rights

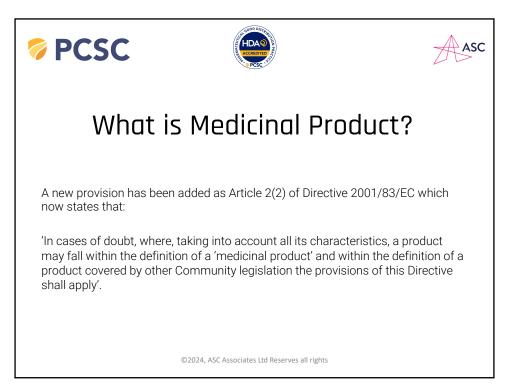
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	Pharmaceutical Inspection o-operation Scheme	on
PRINCIPAL AND CONTRACTOR AND CONTRACTOR OF THE AND CONTRACTOR OF THE ADDRESS OF T	Based on the EU Guidelines on G	GDP.
PIC/S GUIDE TO GOOD DISTRIBUTION PRACTORE FOR MEDICINAL PRODUCTS	 Standards apply to medicines products intended for human Guidelines also applicable for Investigational Medicinal Pro 	n use. r
Sala POS hannan and <mark>Balandan ang Postanan ang Postanan</mark>	Contains 9 Chapters	
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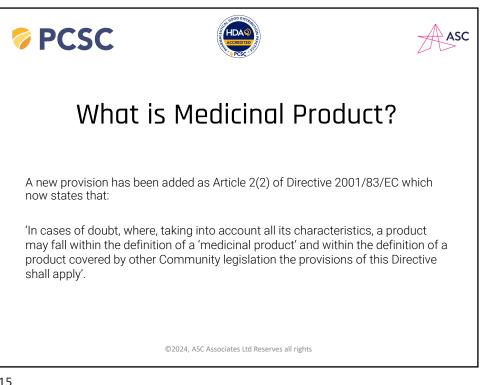










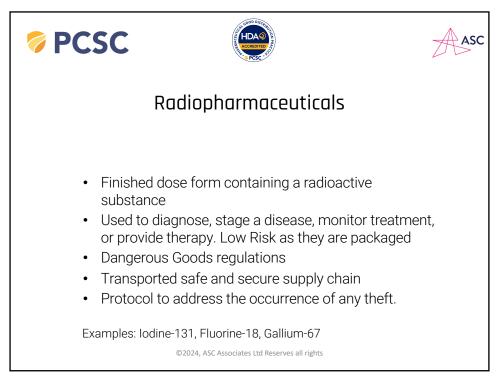


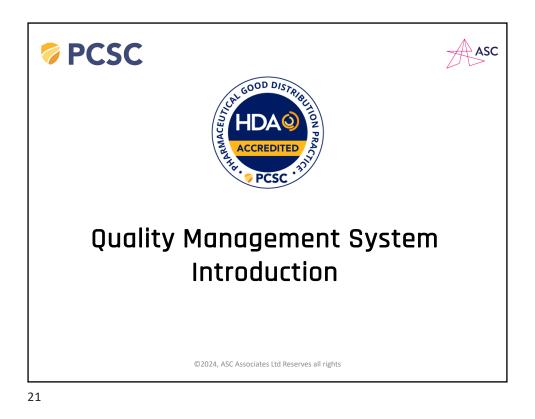






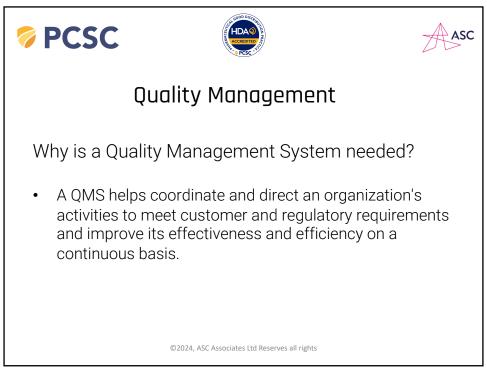










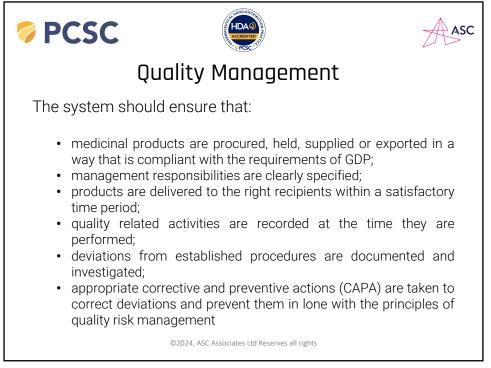


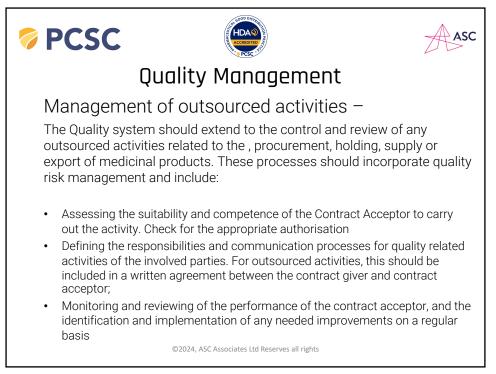


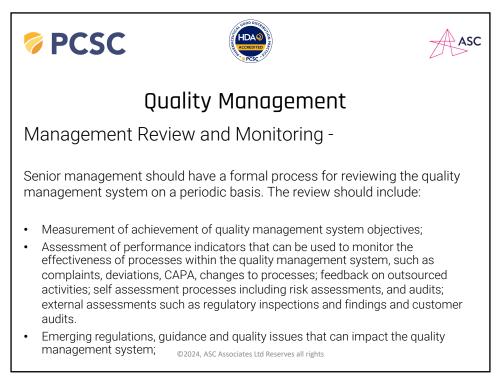






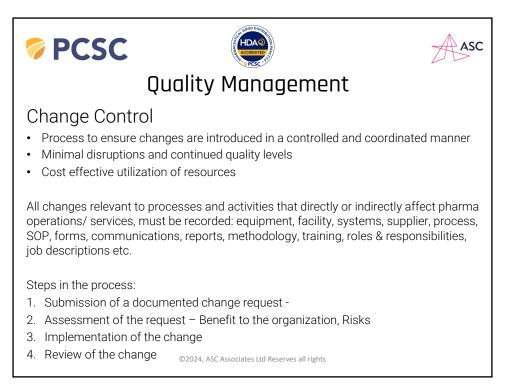




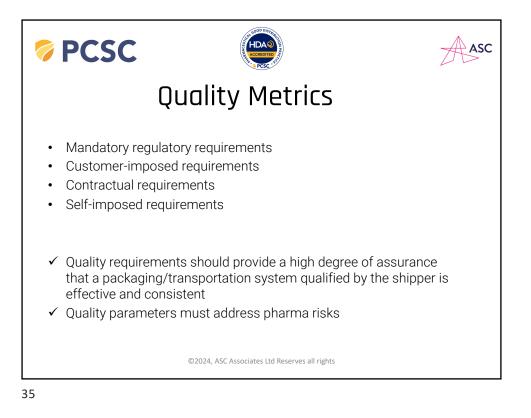


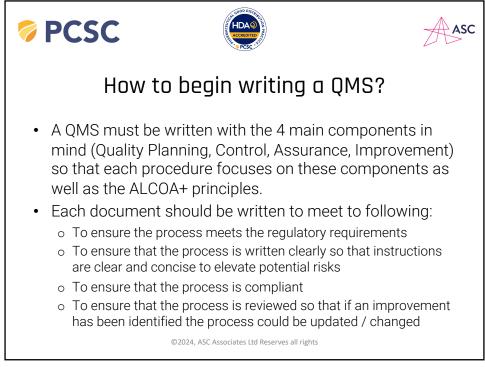


PCSC ASC Quality Management Quality Risk Management Quality risk management is a systematic process for the assessment, control, communication and review of risks to the quality of medicinal products. It can be applied both proactively and retrospectively. Quality risk management should ensure that the evaluation of the risk to quality is based on scientific knowledge, experience with the process and ultimately links to the protection of the patient. The level of effort, formality and documentation of the process should be commensurate with the level of risk. Examples of the processes and applications of quality risk management can be found inter alia in the EU Guidelines to Good Manufacturing Practice or publications of the International Conference on Harmonisation of Technical Requirements for Registration of Pharmaceuticals for Human Use ('ICH'). ©2024, ASC Associates Ltd Reserves all rights



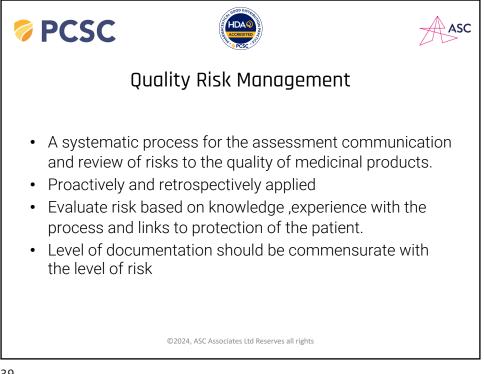






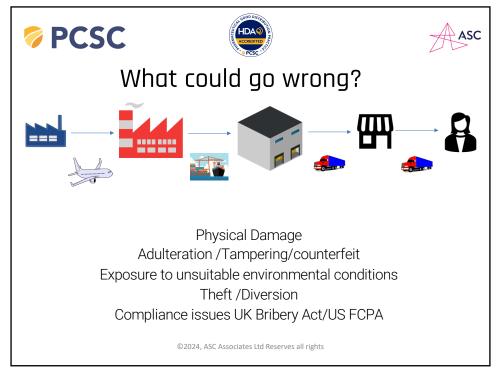






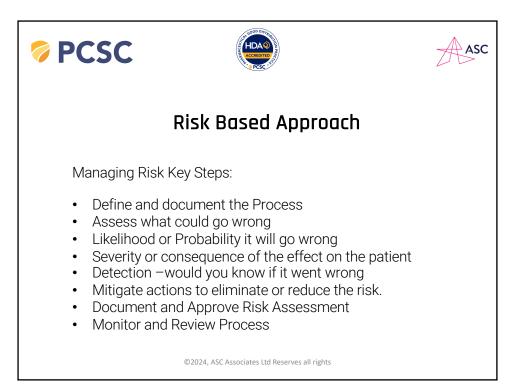










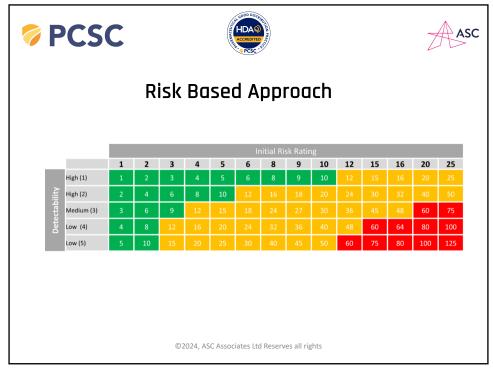


PCSC		ASC				
	Risk Based Approach					
Assess the Risk:						
Establish Likeihood	Rating					
Likelihood	Meaning	Value				
Rare	May occur only in exceptional circumstances (occurrence <1 n 1000)	1				
Unlikely	could occur at some time (occurrence <1 in 100)	2				
Possible	might occur at some time (occurrence <1 in 10)	3				
Likely	Will probably occur in most circumstances (occurrence <1 in 4)	4				
Almost Certain	Is expected to occur in most circumstances (occurrence <1 in 2)	5				
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PCSC	Risk Based Approach	ASC			
Assess the Ris	• •				
Establish Seve	rity Rating				
Severity	Meaning	Value			
Insignificant	No impact on quality and/or efficacy of pharmaceutical product or internal quality system	1			
Minor	Low-medium impact on quality and/or efficacy of pharmaceutical product or internal quality system	2			
Moderate	High impact on quality and/or efficacy of pharmaceutical product or internal quality system	3			
Major	Very high impact on quality and/or efficacy of pharmaceutical product or internal quality system	4			
Catastrophic	Serious impact on organisations activities as a result of a critical competent authority observations, due to product safety and quality being compromised	5			
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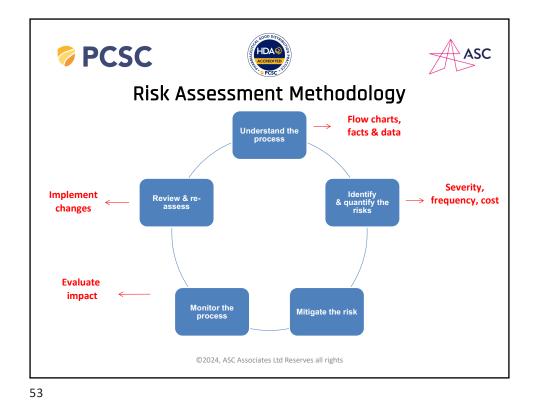
PCSC	Risk Based Approach	ASC			
Assess the Ris					
Establish Dete	ction Rating				
Detection	Meaning	Value			
Very High	Control Method will almost certainly detect the existence of the problem	1			
High	Control Method has a good chance of detecting the existence of a problem	2			
Moderate	Control Method may detect the existence of the problem	3			
Low	Control Method has a poor chance of detecting the existence of a problem	4			
Detection is not Possible	Control method cannot or will not detect the existence of the problem	5			
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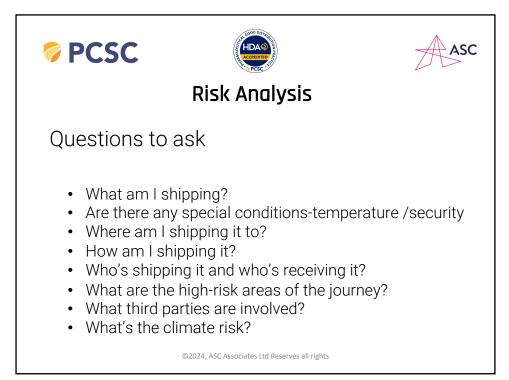
PCSC	ACCENTRY OF THE PERSON OF THE					ASC
Risk Bo	ised	Appr	oach			
				Consequence		
	Likelihood	Insignificant	Minor	Moderate	Major	Critical
	Rare	LOW Accept the risk Routine management	LOW Accept the risk Routine management	LOW Accept the risk Routine management	MEDIUM Specific responsibility and treatment	HIGH Quarterly senior management review
Assess the Risk: Prioritisation Matrix	Unlikely	LOW Accept the risk Routine management	LOW Accept the risk Routine management	MEDIUM Specific responsibility and treatment	MEDIUM Specific responsibility and treatment	HIGH Quarterly senior management review
Calculate the RPN	Possible	LOW Accept the risk Routine management	MEDIUM Specific responsibility and treatment	MEDIUM Specific responsibility and treatment	HIGH Quartely senior management review	HIGH Quarterly senior management review
– Risk Prioritisation Number	Likely	MEDIUM Specific responsibility and treatment	MEDIUM Specific responsibility and treatment	HIGH Quarterly senior management review	HIGH Quarterly senior management review	EXTREME Monthly senior management review
 Probability multiplied by Severity (PxSxD) 	Almost certain	MEDIUM Specific responsibility and treatment	MEDIUM Specific responsibility and treatment	HIGH Quarterly senior management review	EXTREME Monthly senior management review	EXTREME Monthly senior management review
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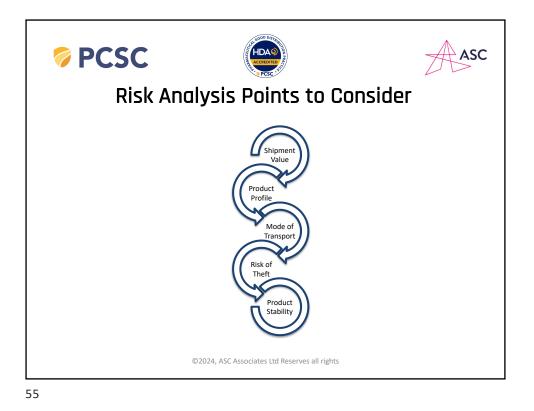


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		Risk Bo	ised A	pproc	ich			
Function or Process Step	Potential Causes	Р	Potential Impact	S	Detection Mode	D	RPN= P × S × D	
Briefly outline function, step or item being analyzed	What could go wrong?	How frequently is this likely to occur?	the output or the customer	severe is the effect (to the		the control measure in		
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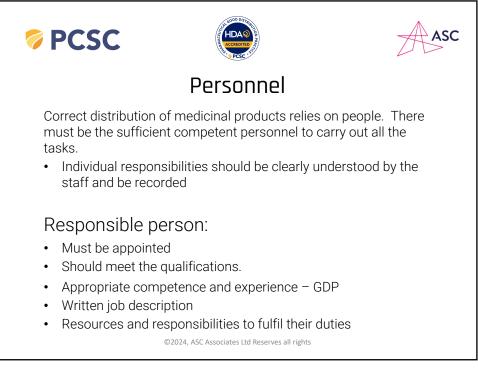




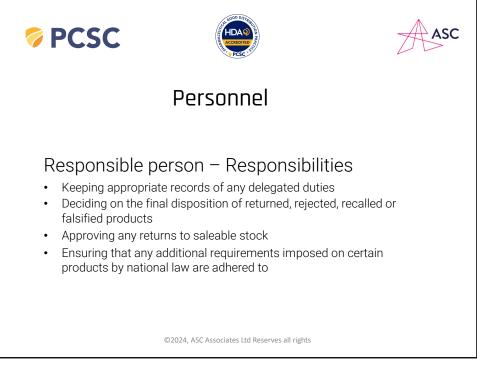


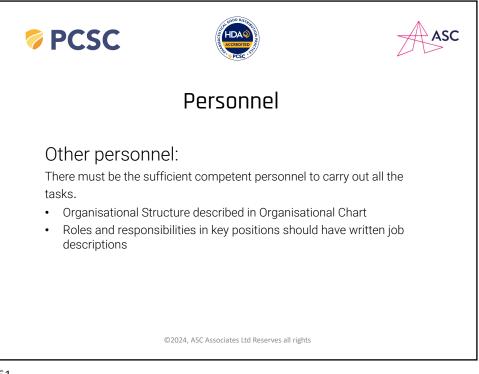
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I ∨II Area	uyuun	g Actions Road Transport
Pre-business Audits		Undergo and pass audits regarding Security and Quality Contracts in place/SLA/QA/TA
Vehicles	- Como	Solid sided /sealing locks /panic alarm/GPS tracking /Geofencing/TCV/Temperature mapping of vehicles
Drivers		Double manned /Photo ID's/Full time/ Trained on Security /GDP have training matrix and records/background checked
Routes	逐	Risked Assessed and documented
Warehouses	E astern	GDP compliant
SOP's		Quality Management System
Contingency Incident Process	t & Escalation	Secure parking policy Security Intelligence/Awareness
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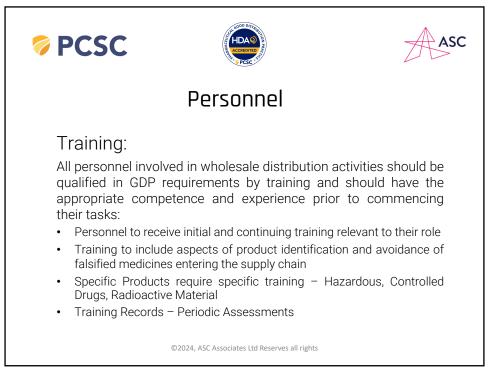


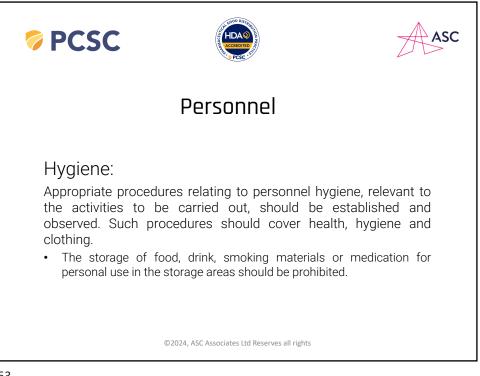


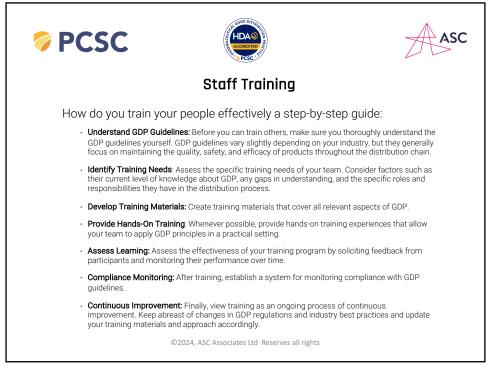




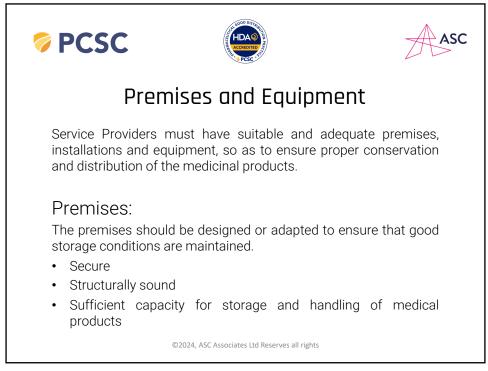






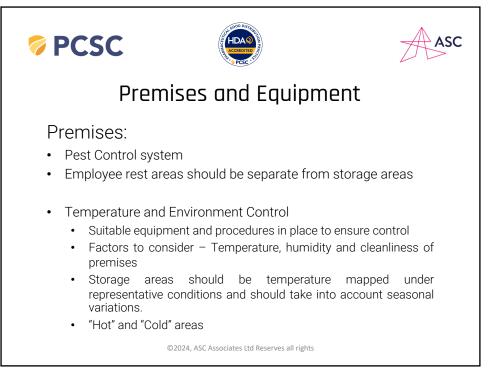




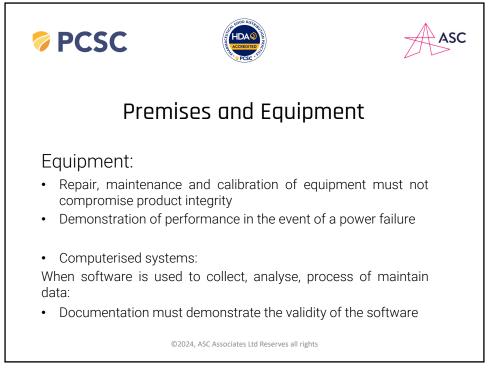


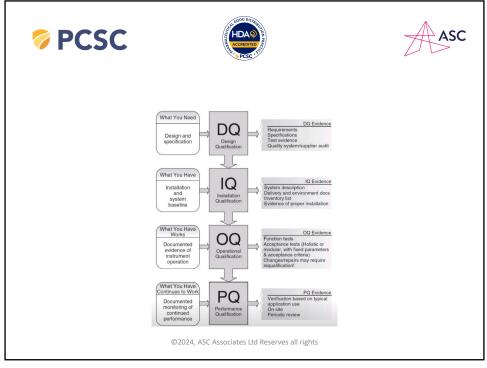


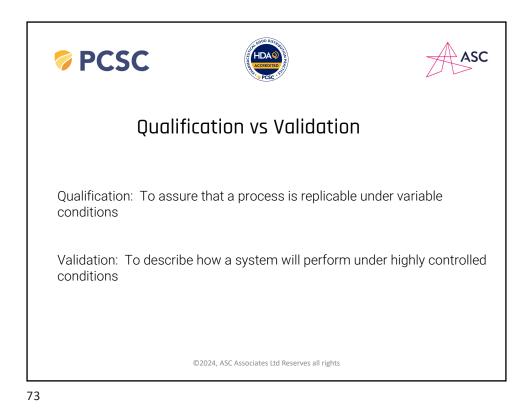




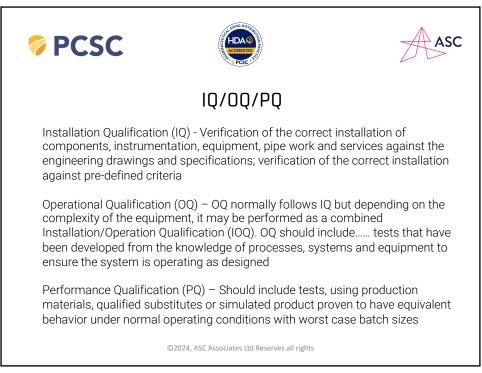




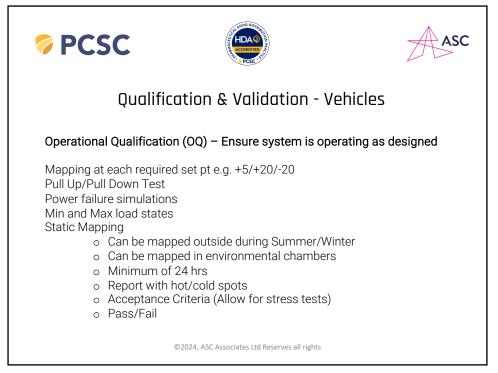


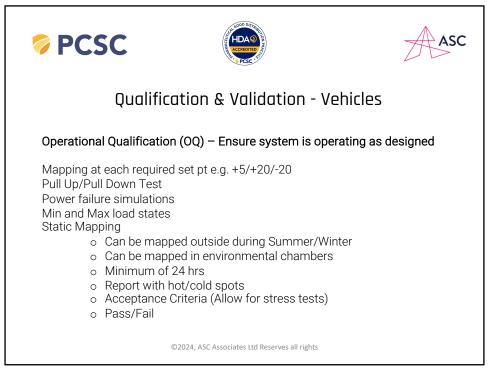


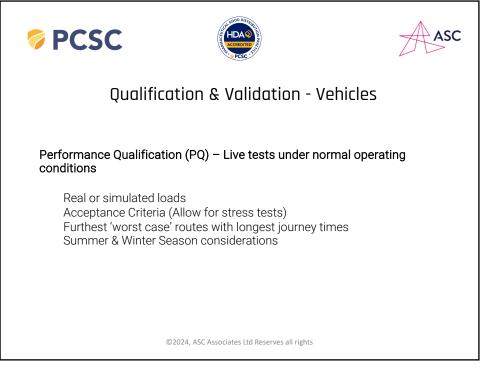


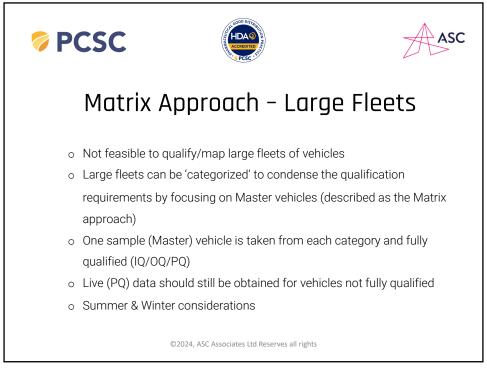






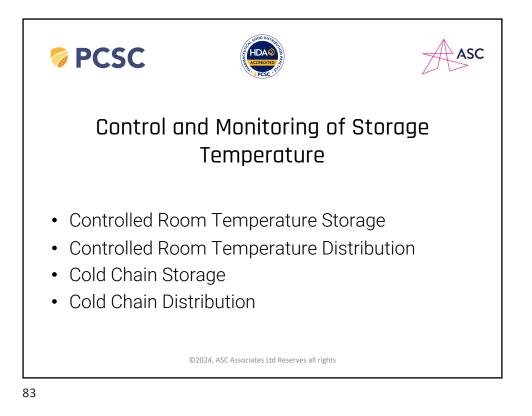


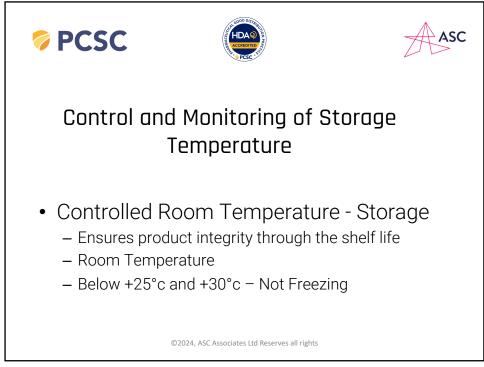


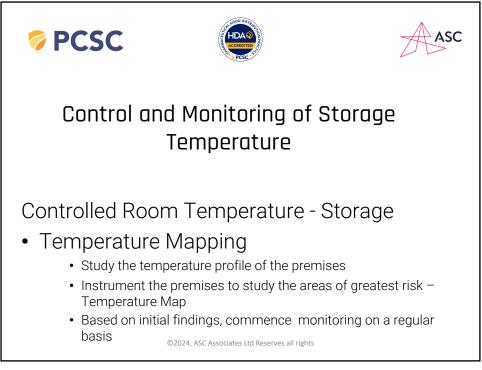


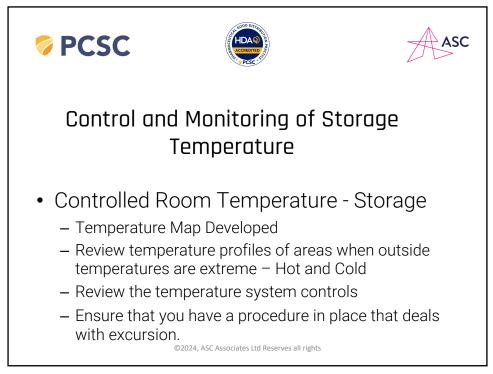
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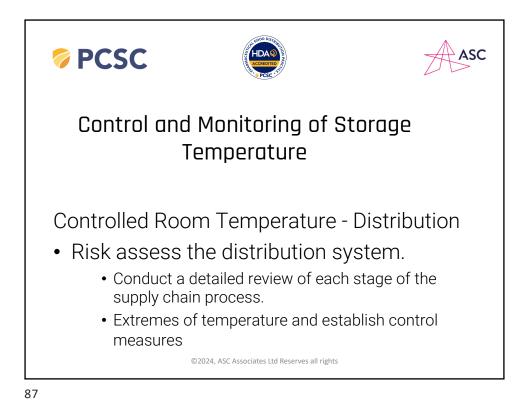


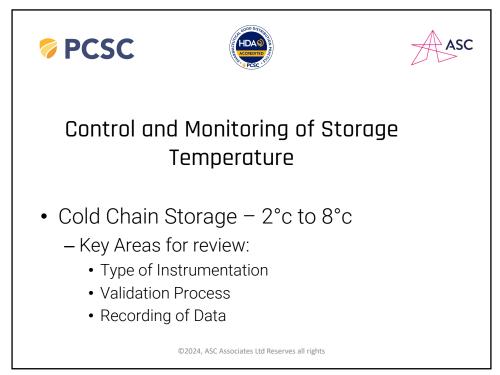


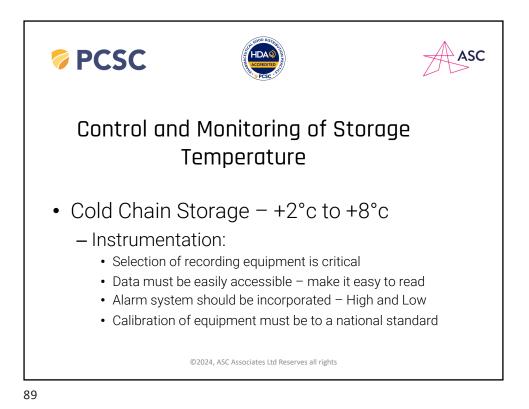


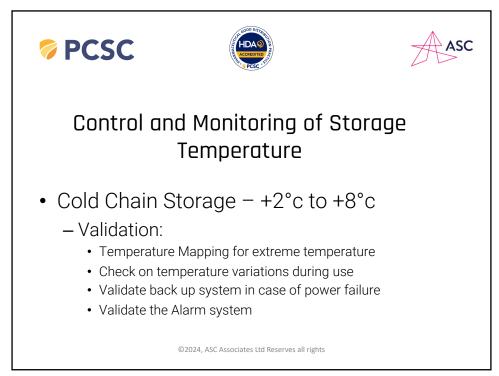


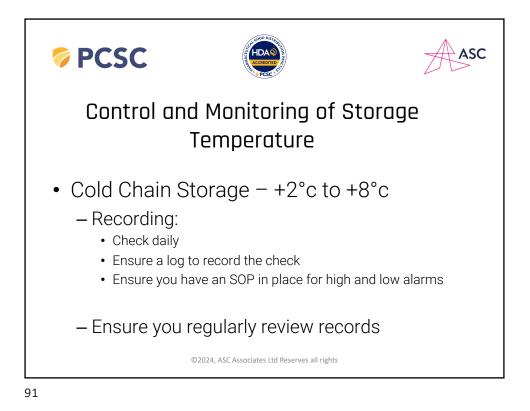


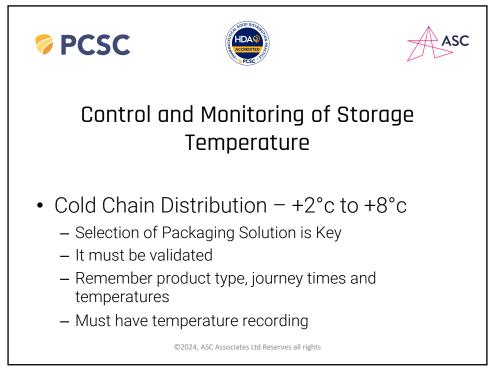


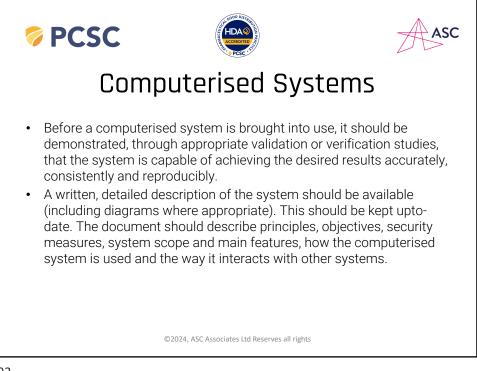


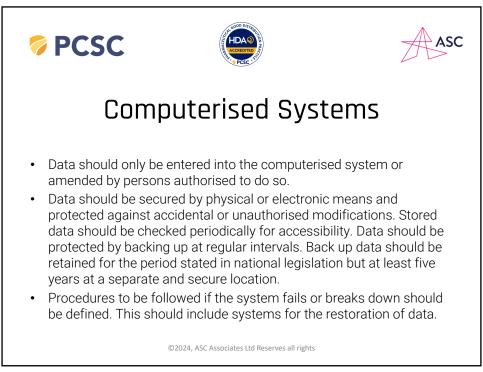




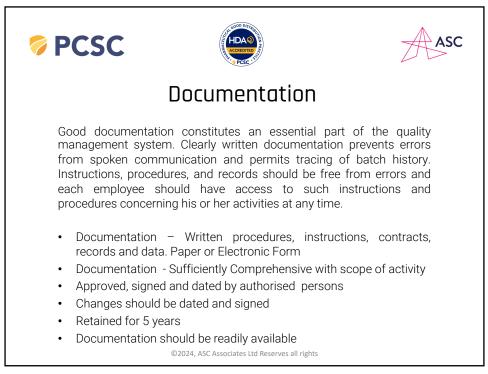


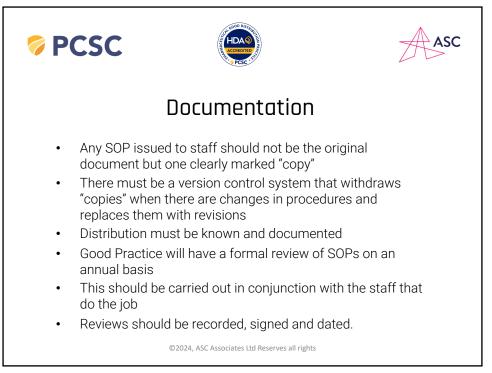




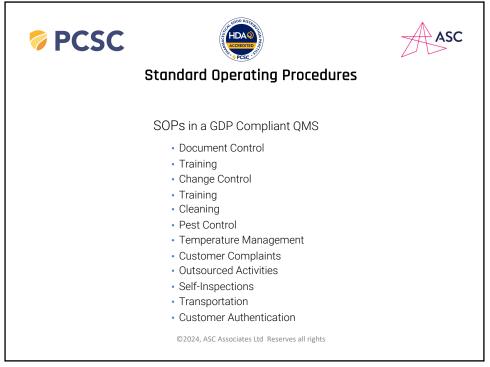


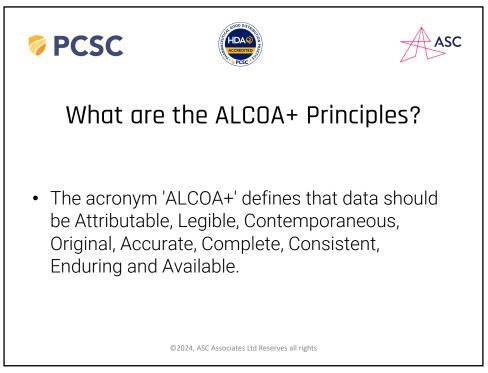


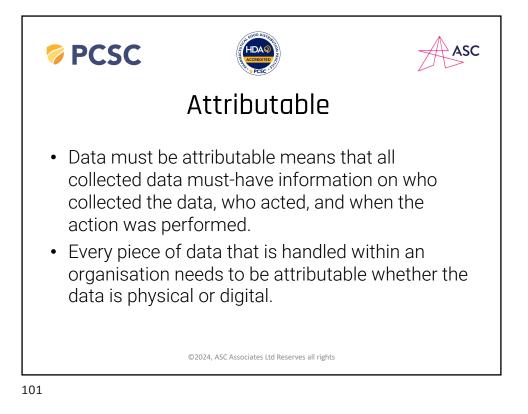


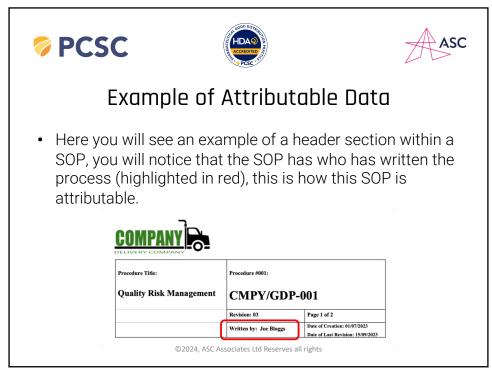


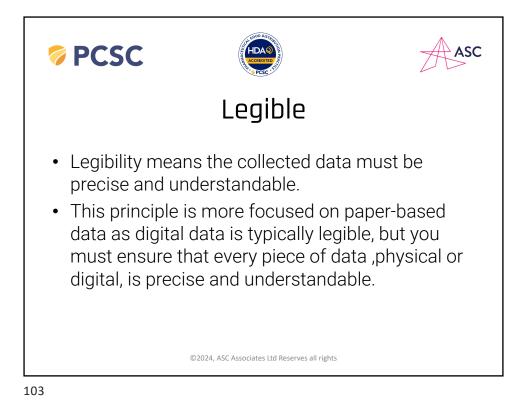


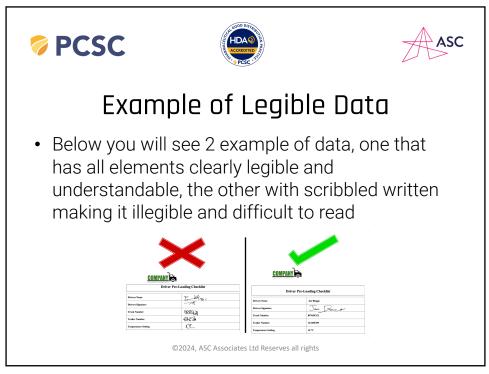


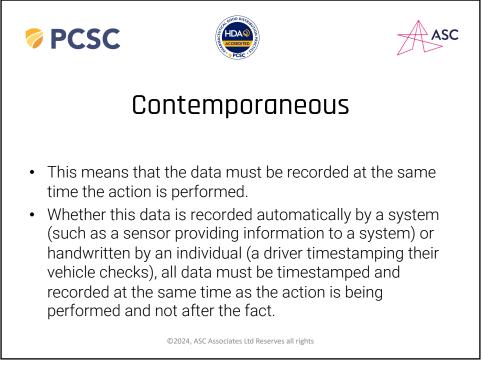


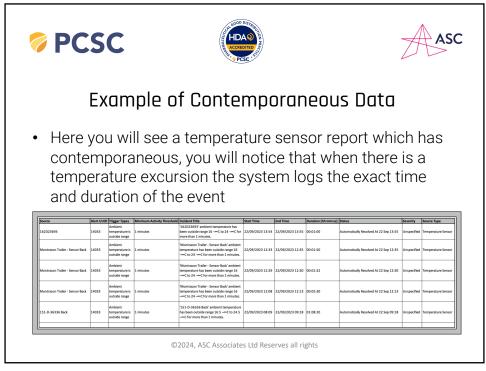


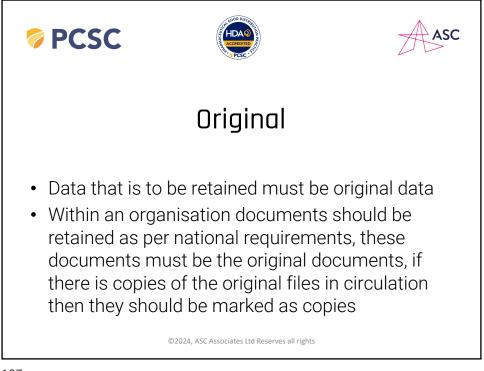


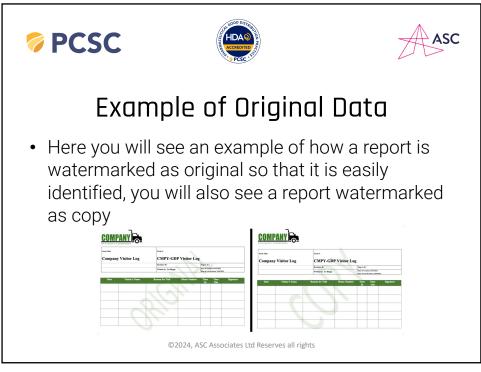


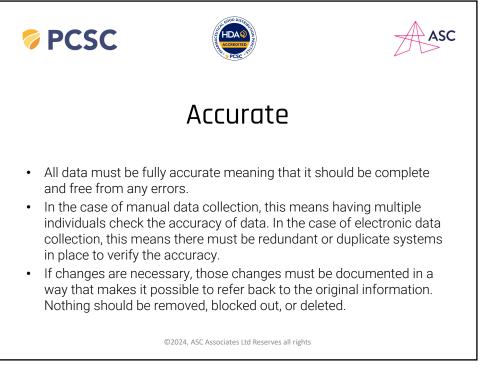


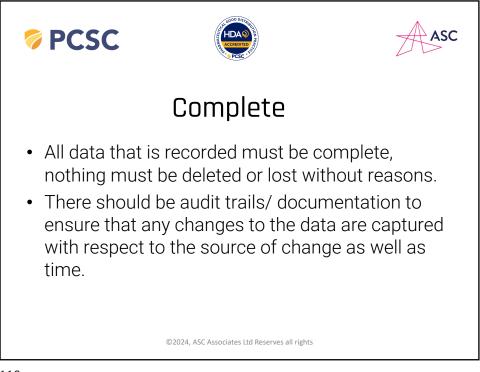


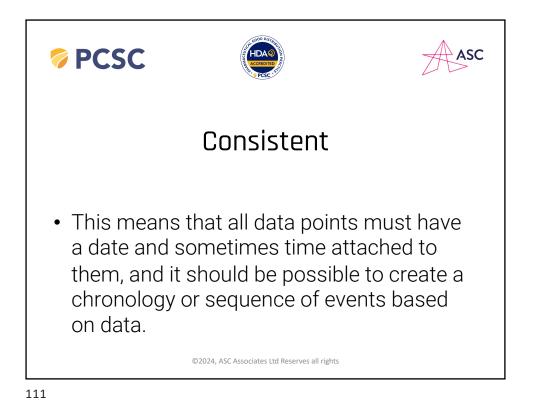


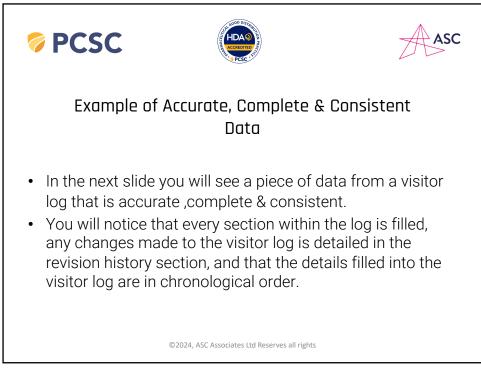




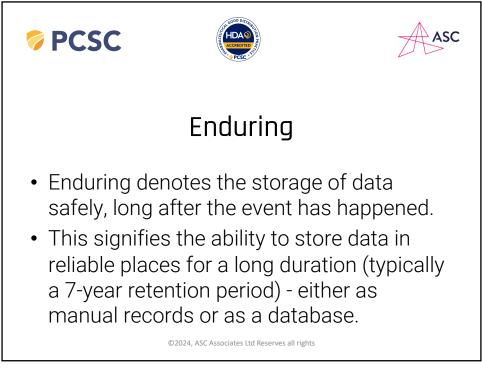


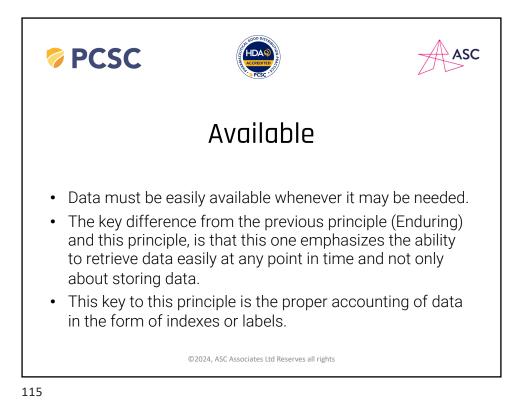


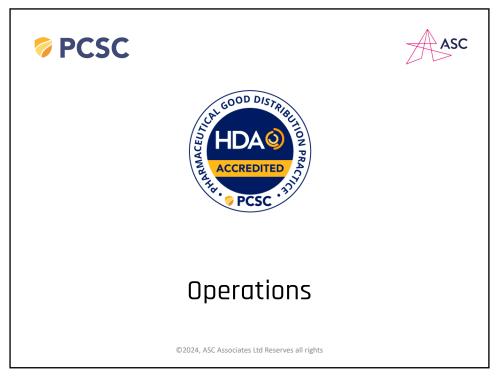




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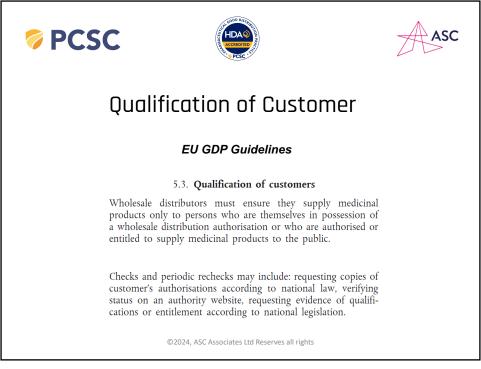


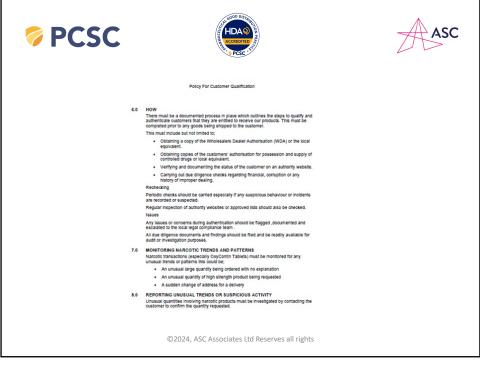


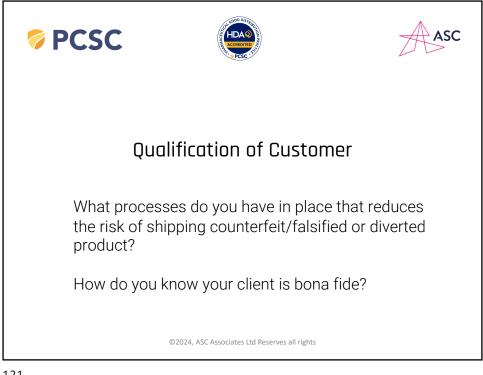


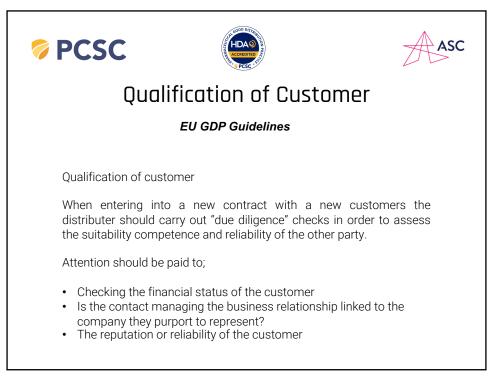


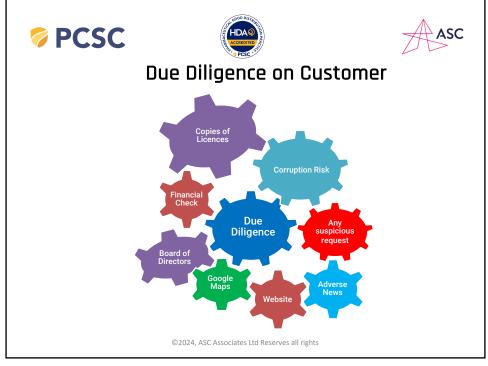


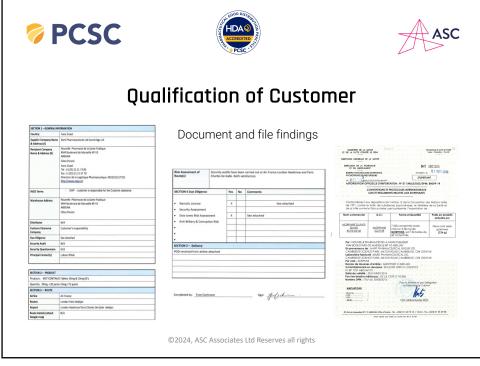








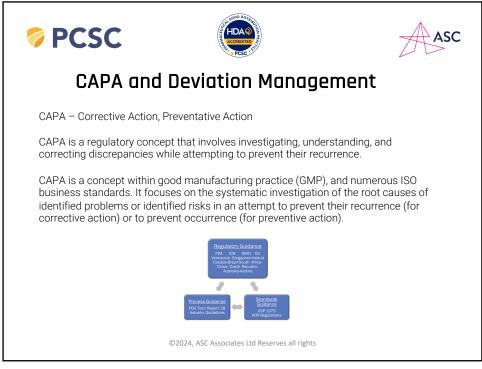


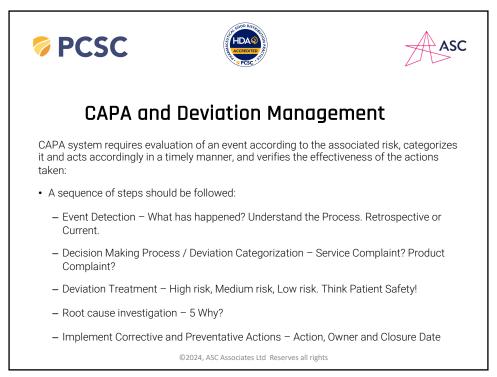


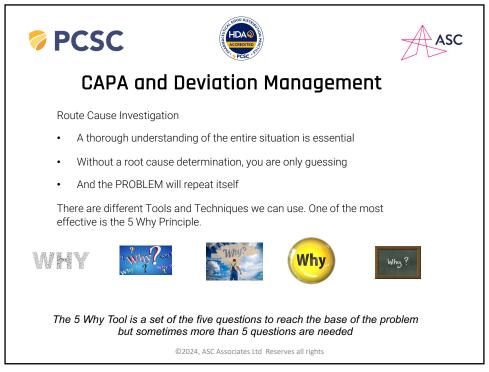






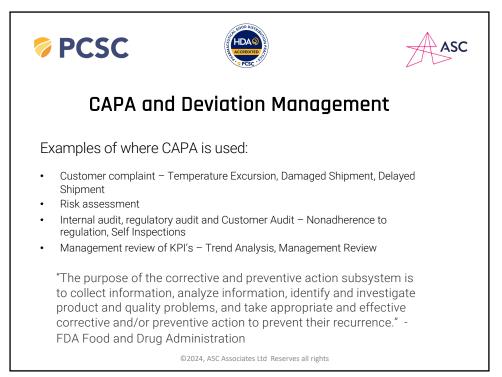






PCSC		ASC						
CAPA and Deviation Management								
Other Tools and t	echniques for conducting r	oot cause analysis:						
PARETO PRINCIPLE	PSHONE DIAGRAM							
Pareto Chart	Fishbone Diagram	Scatter Plot						
	FMEA Process International Procession International Procession Internat							
Failu	re Mode Effect Analysis							
	©2024, ASC Associates Ltd Reserves all rig	hts						

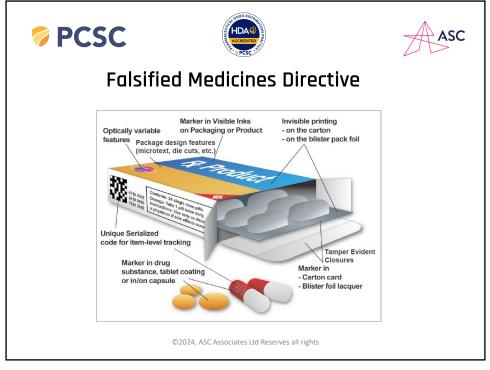
TO BE COMPLETED BY QUALT DR NUMBER: NCR-	DEVIATION OWNER:]	Rated As: High Impact		Impact	Low Impact
DATE OF INCIDENT: INCIDENT CLASSIFICATION: DATE REPORTED TO: REPORTED BY:	Choose an item.			to be completed by De			
COMPLAINT REF: JOB	ISTOMER AWB REF: 3/DN REF:	JOB REF:	INCOTERMS:	ACTI	DN	ACTION OWNER	TARGET ACTION CLOS DATE (dd/mmm/gy)
Temp Requiremen +2 th C to +8 th C +15 th C to +25 th C 0 CARRIER & PRODUCT:	ther: Active – type:	Thermal Packaging: Passive box – type: B TAL #PLTS/CTNS: #PLTS	Blankets – type:	 CONTRIBUTORY to be completed by De 		AUSE IDENTIFICATION	
2. BRIEF DESCRIPTION C		TAL OPETS/CINS: OPETS	JCINS AFFECTED:	8. PREVENTATIVE J to be completed by De ACTIN	viation Owner	ACTION OWNER	TARGET ACTION CLO
N.B. F DEVIATION RELATES TO REAL OR AND/OR COMPETENT AUTHORITY MUST		JTICAL PRODUCT ADVERSE EVENT	T THE CUSTOMER		oth/detail of investigation can		DATE (dd/mmm/g
				Function Head:	Respons	ible Person:	Complaint Owner:







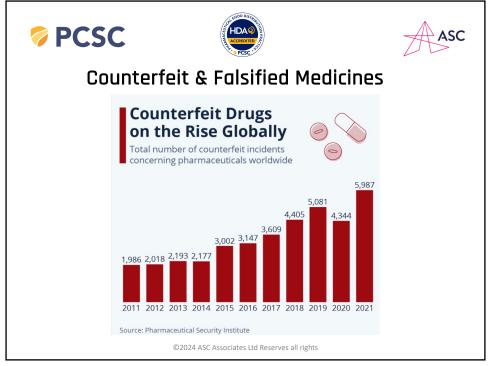












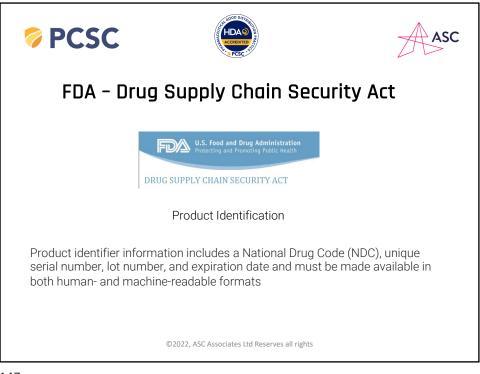


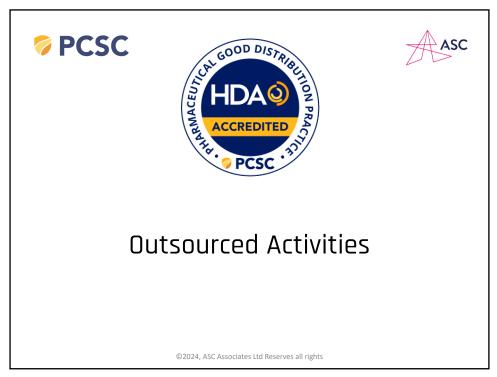




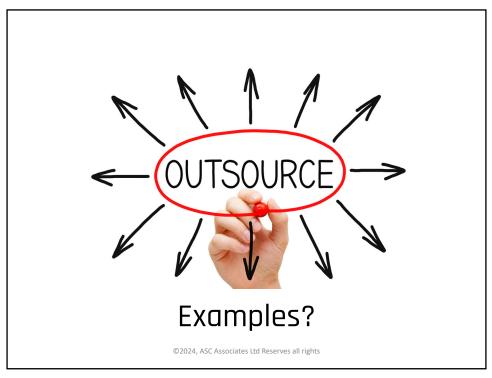


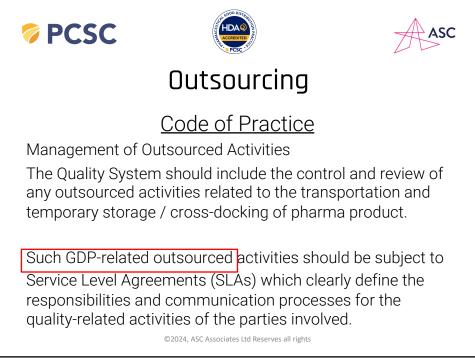


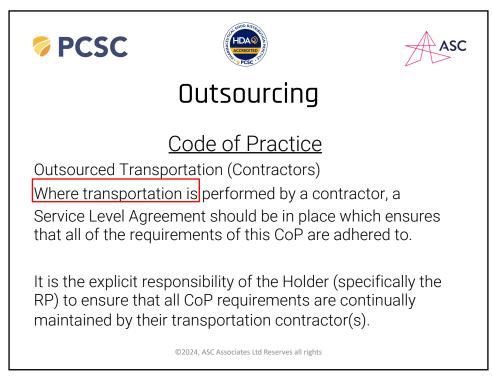






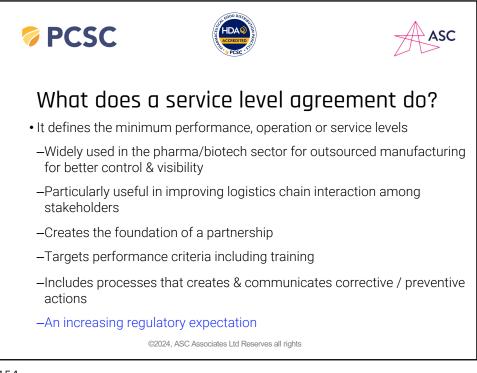


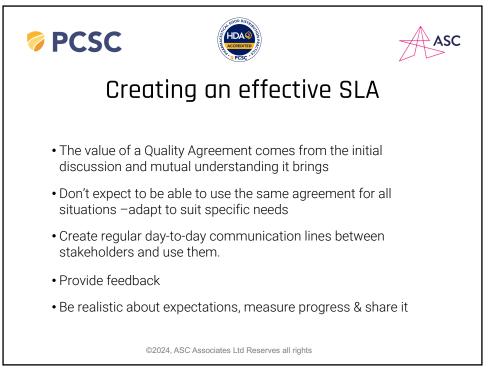




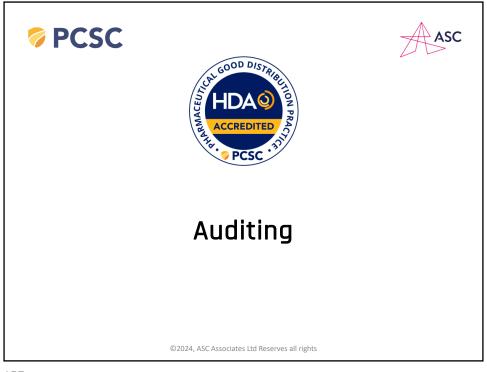


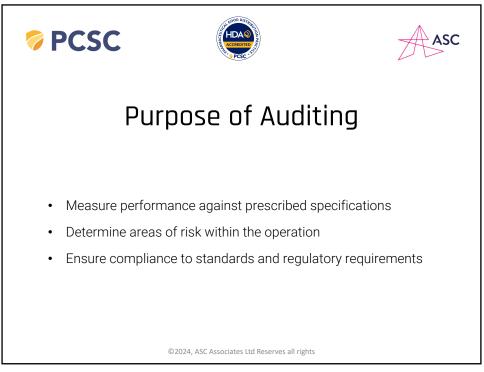


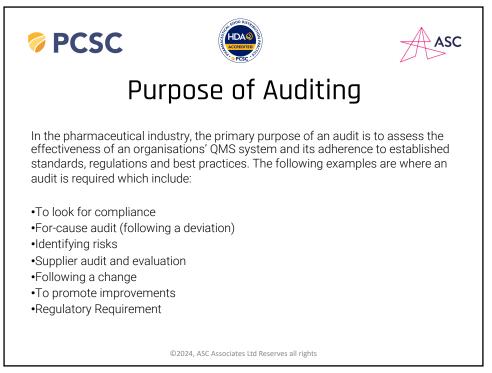


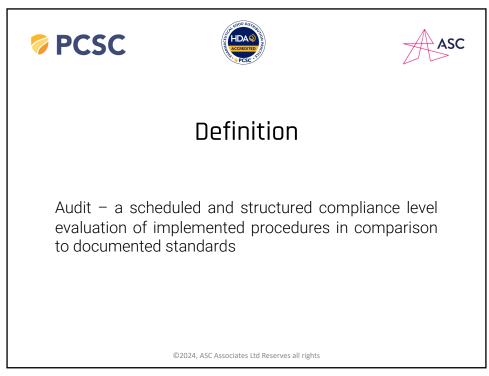


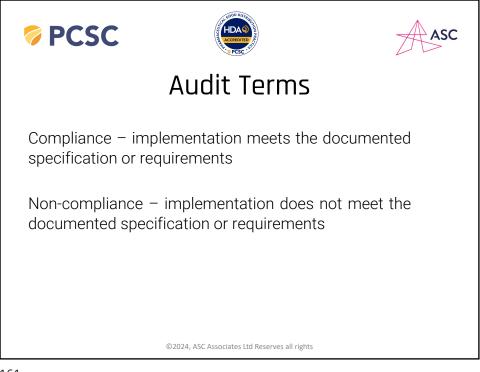


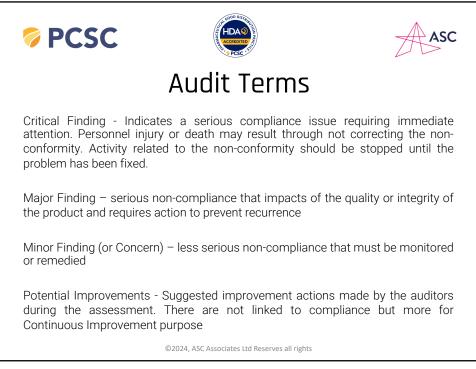


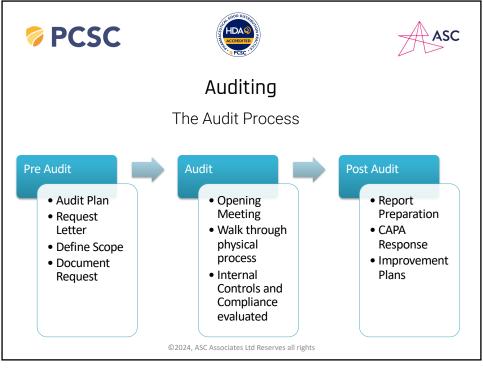


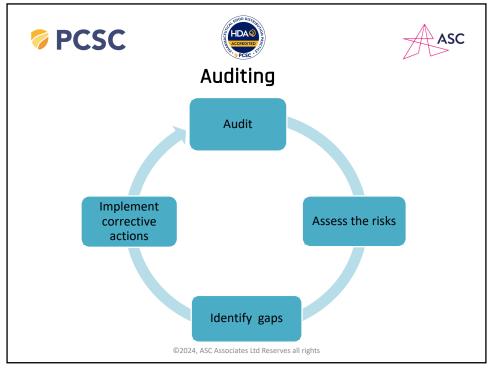


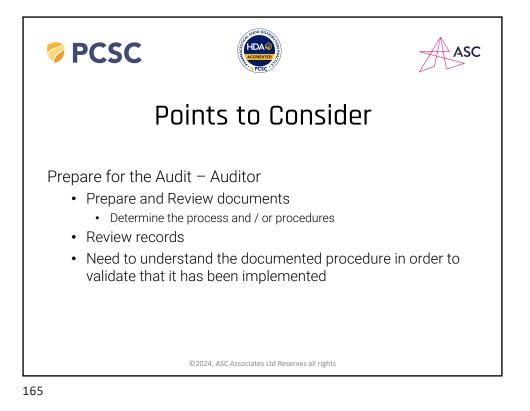




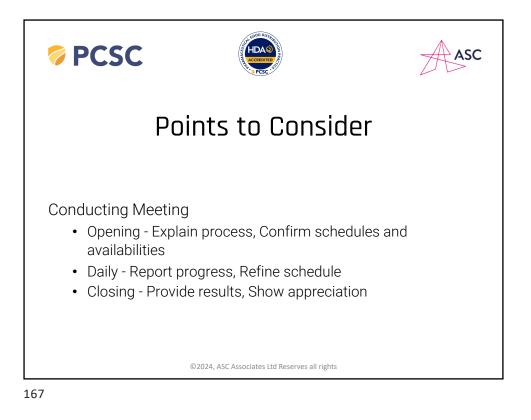


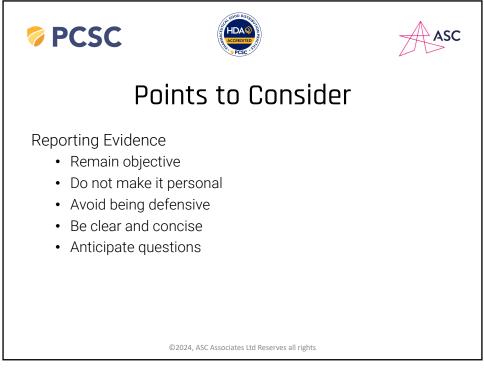


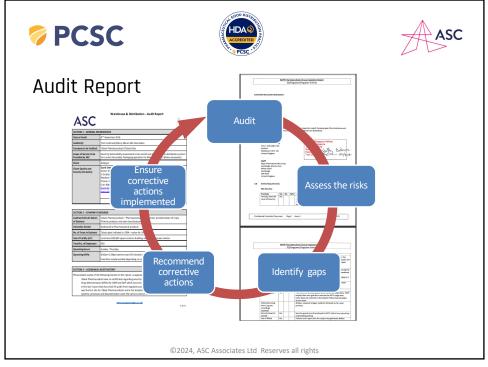


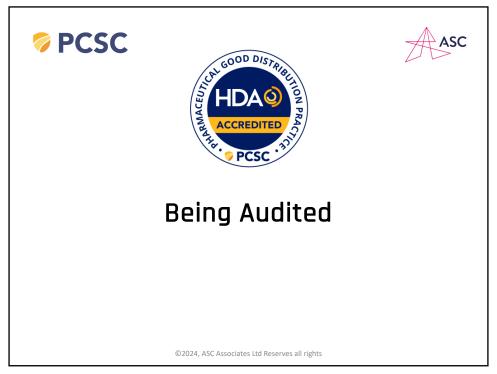


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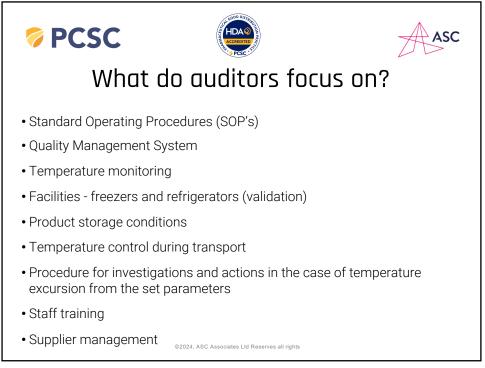


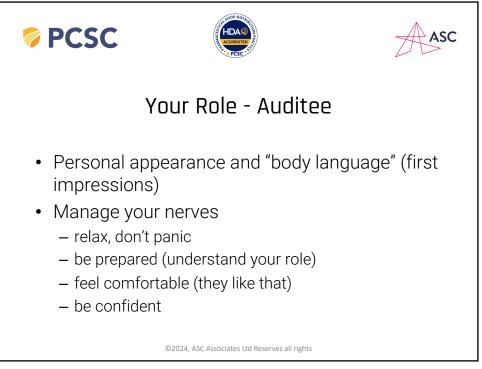


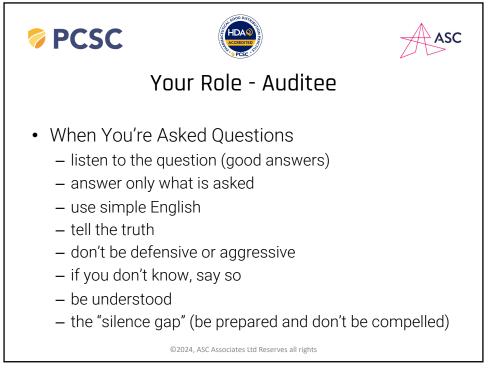


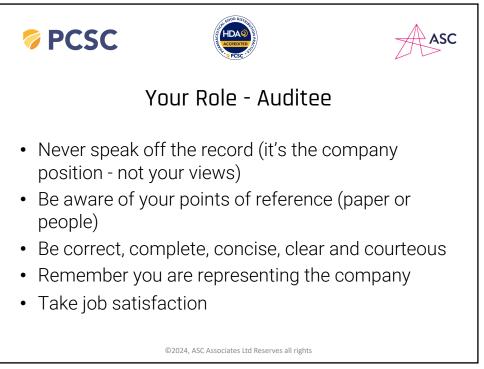


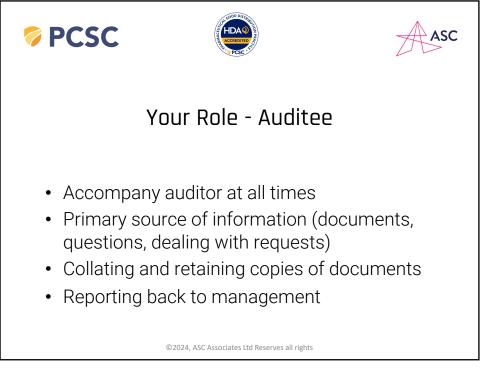


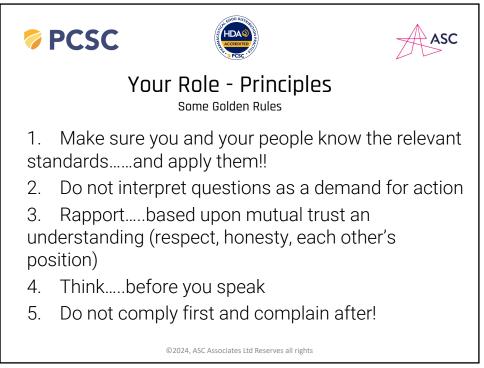




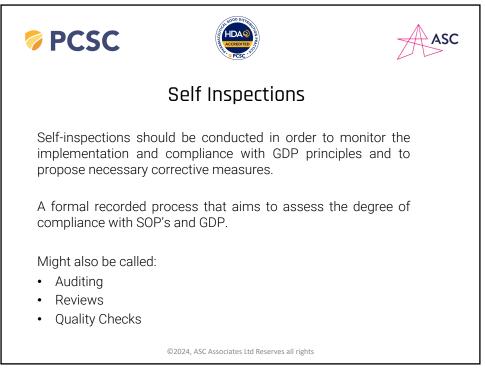


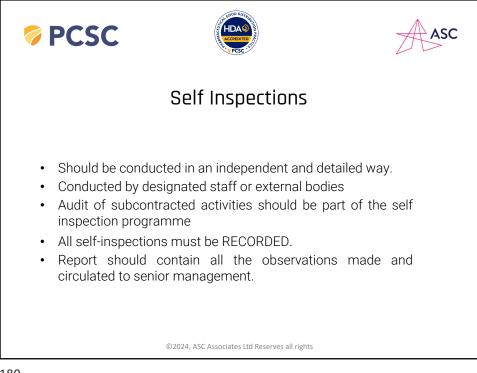


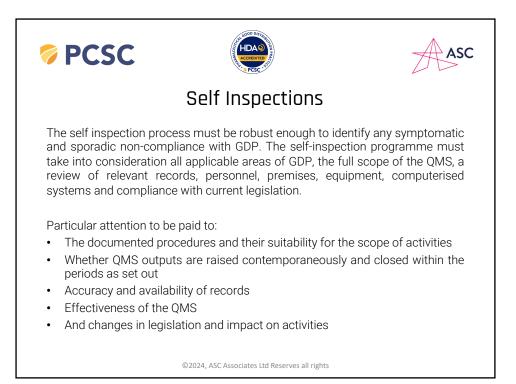


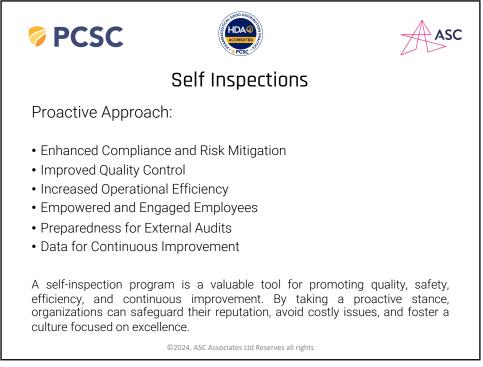












Area				S	Se	lf-In	ispec	tions					
Area						•••••							
Area													
	Examples	Observations	Cause(s)	Corrective action	Timeline for	Corrective action	Area	Examples	Observations	Cause(s)	Corrective	Timeline for	Corrective
	Are the deviations log and change control log		-		completion	Yes	Transfer between	Was there transfer of medicinal products				completion	yes
Quality	to date? Have records been completed for deviations.					No 🗆	branches	between branches? Were these recorded correctly (batch nos)?					No 🗌
management	change control and risk assessments?						Waste	Check the status of products in the reject area					Yes No
	Have all issues been closed off? Has a management review been completed?						management	- are these recorded in the Rejected Products Log? Can they be disposed of?					_
Personnel	Booster training provided to all personnel? All training recercle correlated correctly?					Yes No	Return of	Are goods checked before return to stock?					Yes No
	Have contracted drivers been trained?					_	medicinal	Review Returns Assessment Forms - are they completed correctly?					No 🗆
	Have SOPs been reviewed? Any new SOPs issued in the year?					Yes D	products to inventory	Observe processing of a returned medicinal product - in accordance with SOP?					
Documentation	- have relevant personnel been trained on						inventory	Check status of products in returns area.					
	 are index/distribution/revision forms up to 						Recall procedure	Has a mock recall been performed? Was it in accordance with SOP?					Yes No
	date?						Recan procedure	Are the contact details up to date?					
	Is the correct SOP version in use?						Customer	Have there been any customer complaints? Were the records completed correctly?					Yes No
Area	Examples	Observations	Cause(s)	Corrective	Timeline	Corrective	complaints	Was a reply received from the supplier?					
				action	completion			Was the complaint answered/closed out? Were there any suspected falsified products					¥
	Have all records (cleaning, temperature etc) been completed correctly and reviewed where						Falsified	received/identified?					Yes No
	been completed correctly and reviewed where necessary?						medicinal	Were there any suspicious orders/requests? Were these notified to the HPRA?					
	Is the information on the wholesaler's							Has a self-inspection been performed in the					Yes 🗌
	authorisation up to date? Check the pick face for expired, damaged,					Yes	Self-inspection	last year? If not, why?					Yes No
	incorrect stock. Check pest control records - no. of visits up to					No 🗌	Jan apecon	Were all corrective actions identified implemented?					
	Check pest control records - no. of visits up to date?							an part to the second					
	Has temperature mapping or a risk assessment of the storage area been completed?						Area	Examples	Observations	Cause(s)	Corrective	Timeline	Corrective
Premises / storage	Have temperature monitoring probes been						~~		obie victoria	Cause(s)	action	for	action
	calibrated? Check status of products in guarantine /reject							If training was required as a corrective action,				completion	performed?
	areas.							was this performed and recorded?					
	Are these recorded on the correct forms? Observe products being checked in and put							Was the self-inspection closed out? Is there an up-to-date list of outsourced					Yes 🗌
	away - in accordance with SOPs?							activities?					Yes No
	Are there wholesaler's or manufacturer's					Yes D	Outsourced	Has there been a recent assessment of the companies?					
Amount						~~ Li		Are all contracts up to date?					
Approval of suppliers	authorisations on file for all suppliers? Are all GDP/GMP certificates on file?										1		
	authorisations on file for all suppliers? Are all GDP/GMP certificates on file? Are these up to date?					No.		And all debugge testinged in COM					
suppliers Order	authorisations on file for all suppliers? Are all GDP/GMP certificates on file? Are these up to date? Observe the picking of an order - is it in accordance with SOP?					Yes No		Are all drivers trained in GDP? Have all transportation issues been					Yes No
Suppliers Order processing.	authorisations on file for all suppliers? Are all GDP/DMP certificates on file? Are these up to date? Observe the picking of an order - is it in accordance with SOP? - are the records being signed and correct					Yes No	Transportation	Have all transportation issues been investigated?					No 🗌
suppliers Order	authorisations on file for all suppliers? Are all GDP/GMP certificates on file? Are these up to date? Observe the picking of an order - is it in accordance with SOP?					Yes No	Transportation	Have all transportation issues been					No 🗌

