抗原快速检测 (简称ART) 试点阶段项目

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Senior EHS Manager
21st Jun 2021

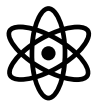TEAMBUILD
BUILDING ASPIRATIONS

内容

BUILDING ASPIRATIONS .

背景

新加坡计划与 Covid-19 一起生活的新常态：李总理

*"**ARTs** are therefore invaluable as a quick check" for a likely Covid-19 positive individual to be immediately isolated while waiting for the PCR results."*

"As the virus mutates to become more transmissible, we must respond by <u>testing</u> more widely,"

"This will reassure their customers, patients and students, and enable them to work safely even with Covid-19 in circulation."

李显龙总理讲话摘录
2021 年 5 月 31 日

背景

海峡时报 - 抗原快速检测 (ART) 的好处

摘自《海峡时报》，2021 年 5 月 31 日

背景

目前的做法

14天

PCR 拭子测试 → PCR 拭子测试

抗原快速检测 (ART) / 没有接种疫苗

PCR 拭子测试　第三天　第七天　第十一天　PCR 拭子测试

抗原快速检测 (ART) 与接种疫苗

PCR 拭子测试　第七天　PCR 拭子测试

抗原快速检测 (ART) 的概述

规划

执行

挑战
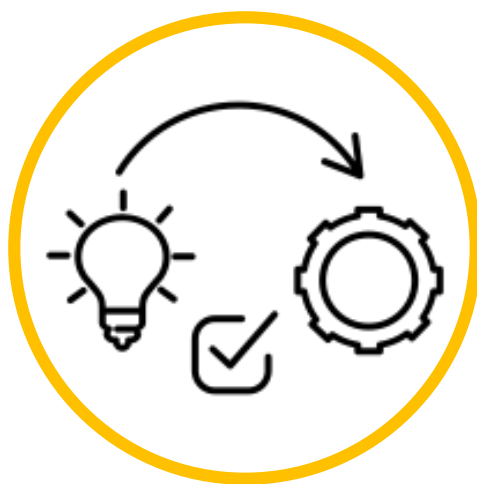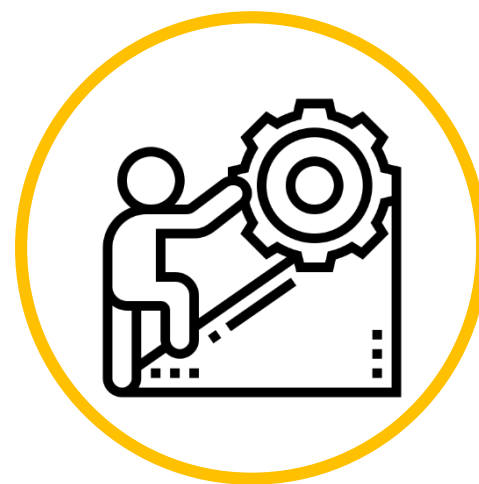
规划流程

通风良好的位置

控制接入点

有足够容量的等候区

训练有素的员工和基本个人防护装备(PPE)等资源

正确处置生物废弃物

规划流程

抗原快速检测 (ART) 试点地点的位置

Teambuild Integrated Construction and Prefabricated Hub (ICPH)
Teambuild 集成施工和预制中心

规划流程

AIRPORT ROAD (CAT 2)

AIRPORT ROAD

SG1

后面通道

MG4

后面通道

预制厂

自动化存储系统

宿舍

ART/RRT

MG2

办公楼

MG3

DEFU SOUTH STREET 1 →

PROP KIM CHUAN ROAD 2 (CAT 4)

MG1

1. 宿舍工人将通过4号大门(MG4)进入工厂
2. 非宿舍人员通过2号大门(MG2)进入工厂

BUILDING ASPIRATIONS.
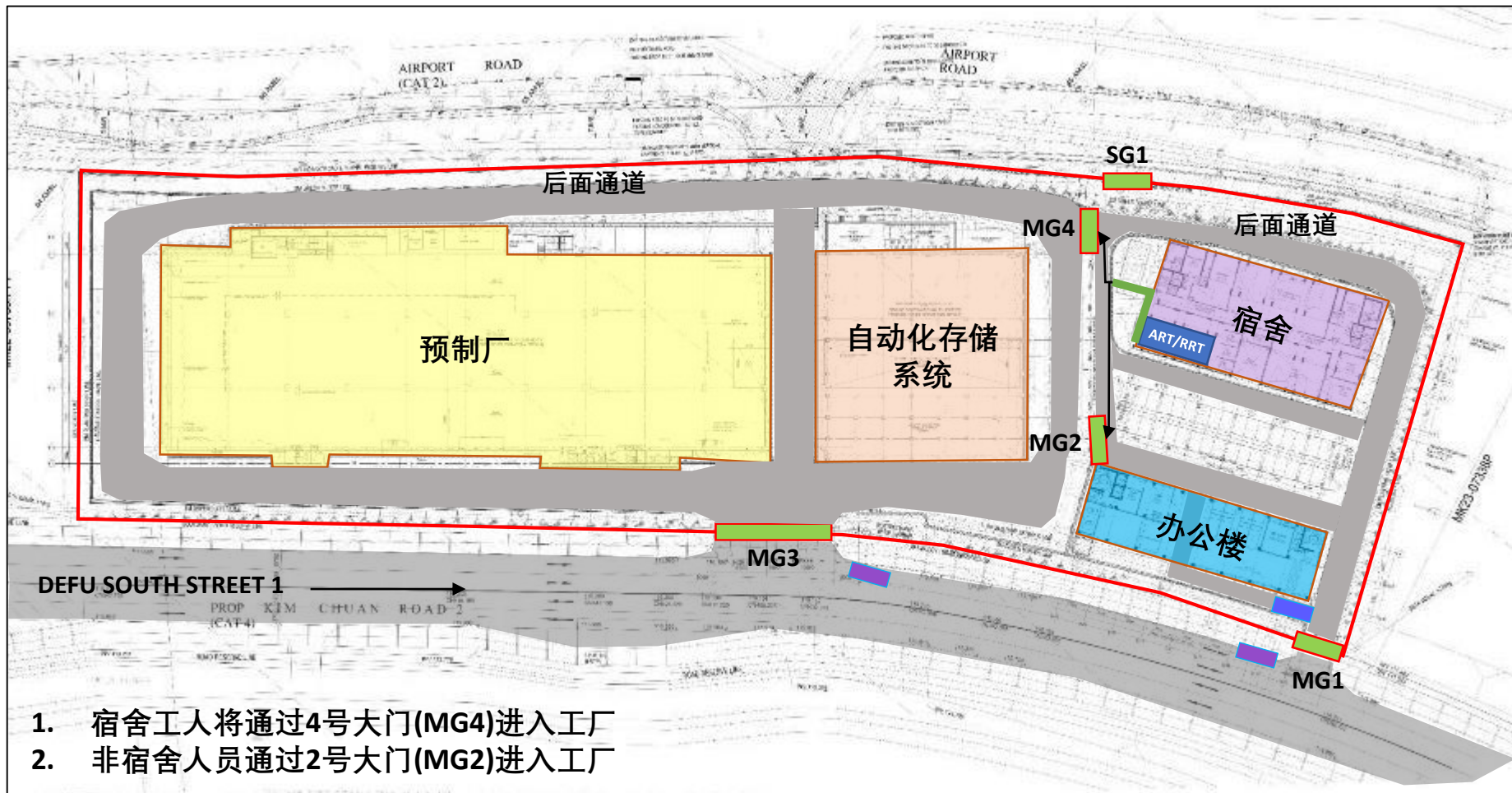
规划流程

确定目标群体

Teambuild 的工厂员工住在非宿舍区		**19 人**
预制件检验工厂驻地技术官员 (RTO)		**1 人**
定期送货司机		**3人**
临时访客		**-**
	共计:	**23人**

规划流程

人员培训和人力分配

ANTIGEN RAPID TEST (ART) SWABBING AND SUPERVISION FOR BUILT ENVIRONMENT

OBJECTIVES
- Perform swabber role for ART and result testing
- Plan and implement ART operations at project sites
- Supervise ART swab and result adhering to guidelines
- Familiar with Infection Prevention and Control guidelines and protocols

STRUCTURE
- Session 1 – Theory lesson via Zoom (3-hour)
- Session 2 – In person practical & assessment @ BCA Academy (3-hour)

PREREQUISITE
- Trainee must have proficiency in English and the capacity to perform supervisory role
- Trainee must be medically fit to wear full PPE

COURSE FEE
- $250 (incl. GST)

OPEN FOR REGISTRATION
www.bcaa.edu.sg/ART-training

BCA ACADEMY

RESTRICTED. Do not circulate to external parties without BCA's prior consent.
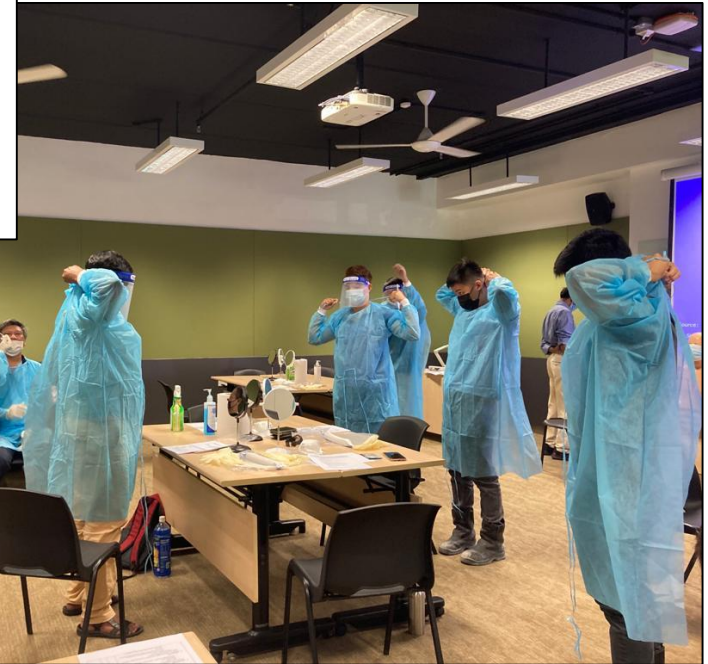
抗原快速检测 (简称ART) 的实施

ART 的场地布局
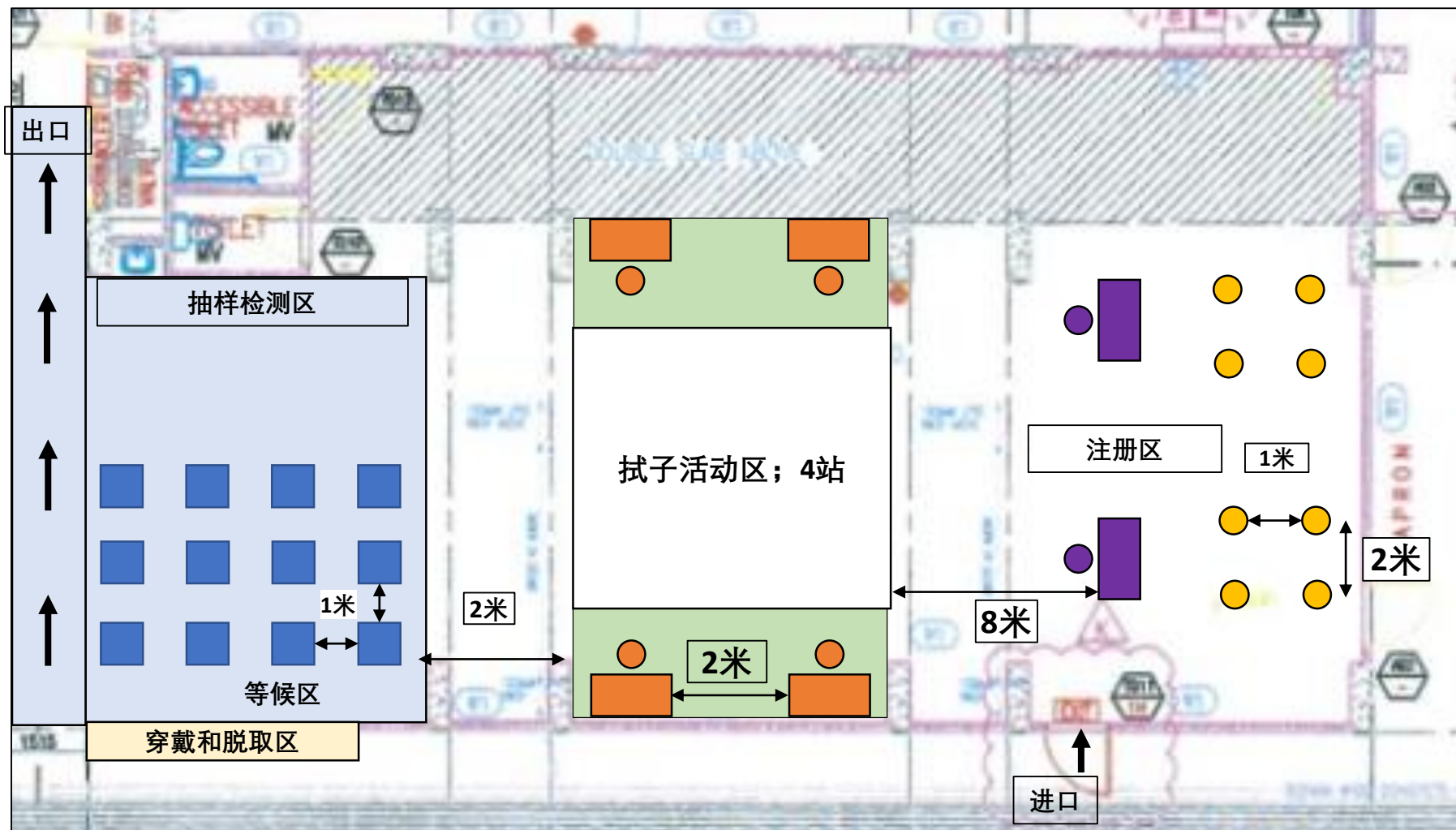
抗原快速检测 (简称ART) 的实施

穿戴和脱取区
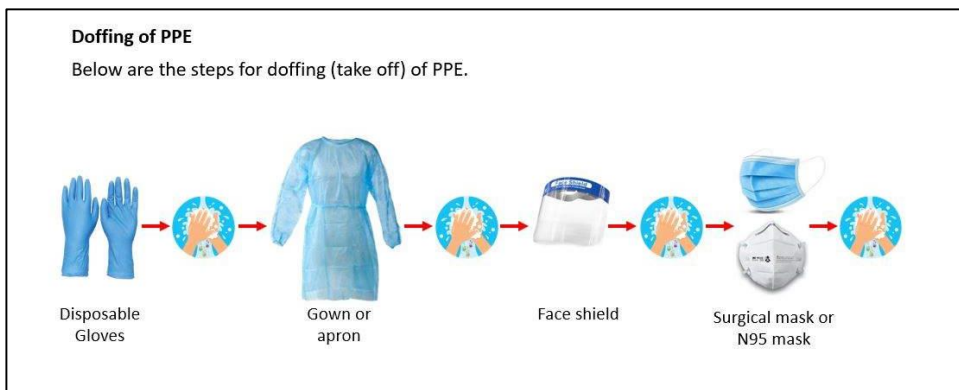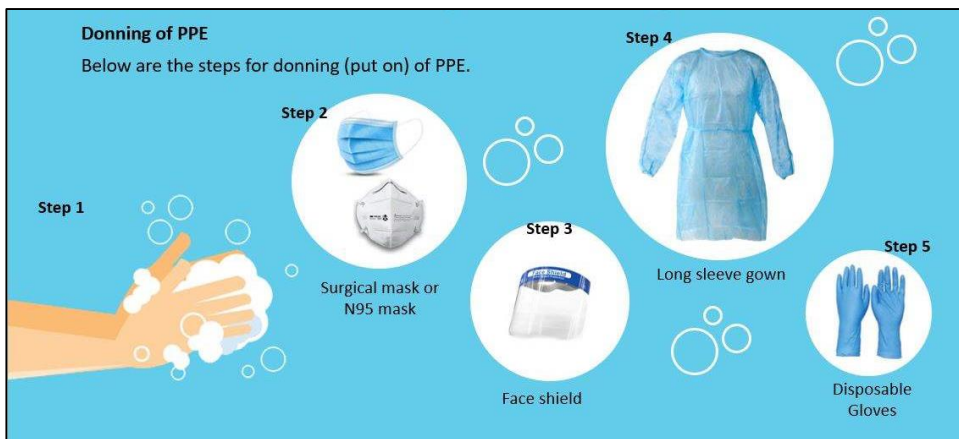
完整的基本个人防护装备 (PPE)

抗原快速检测 (简称ART) 的实施

注册过程

个人信息的验证

登记详情

ART 测试套件的标记

分发ART测试套件

抗原快速检测 (简称ART) 的实施

测试区

引导到自拭子 ART 站

自拭子ART过程的监督

ART 测试套件的摆放

抗原快速检测 (简称ART) 的实施

测试区

在监督下进行自我拭子
（旋转 5 次，每个鼻孔保持 5 秒）

将拭子棒插入试剂管，上下插入15秒，挤压前取出

将 3 滴放在 ART 测试盒的样品孔上

执行全面擦拭和消毒双手

抗原快速检测 (简称ART) 的实施

采样活动和等候区

将 ART 墨盒放入自封袋中并注明时间

将 ART 试剂盒置于采样测试区

测试结果样本

抗原快速检测 (简称ART) 的实施

15 分钟后通知工作人员结果

如果结果为阴性，则继续工作

记录结果

BUILDING ASPIRATIONS

抗原快速检测 (简称ART) 的实施

通过 FormSG 更新 ART 测试

Building and Construction Authority

Daily ART Report

⏱ **10 mins** estimated time to complete

452C - LOG OUT ↩

Logged in as corporate user

Instructions

Please complete and submit this form at the end of each ART day.
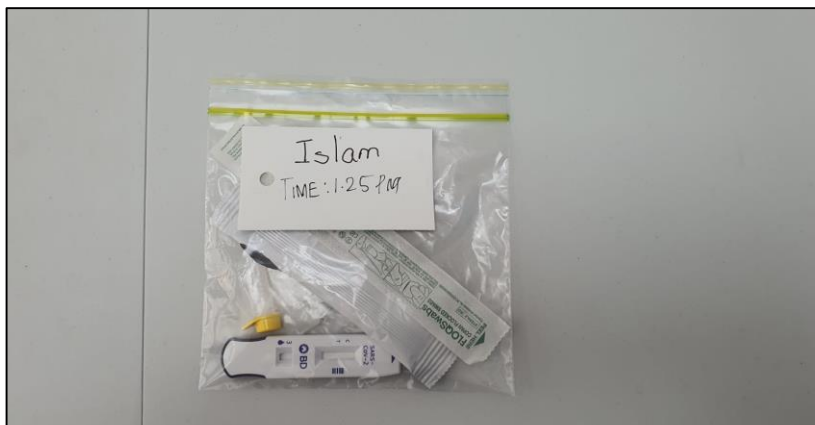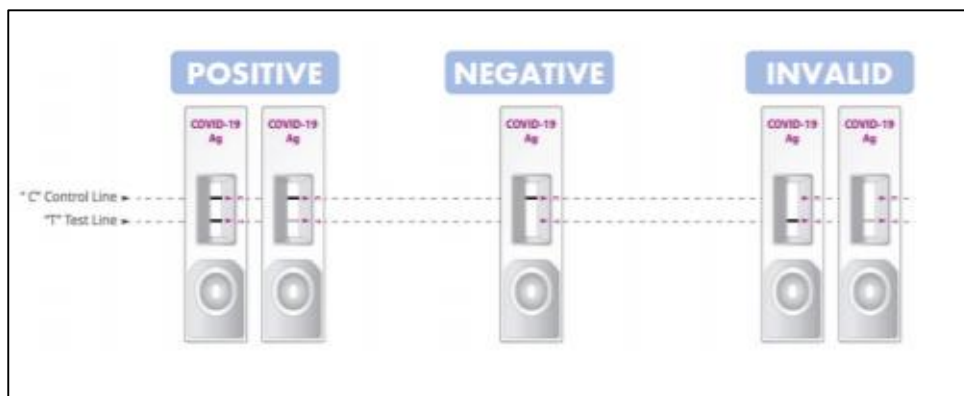
Building and Construction Authority

RESPONSE ID 83bwd /Vdc83429017/Hwe0b
FORM SUBMITTED **17 JUN 2021, 12:19**

Thank you for filling out the form.

Submit another form

452C - LOG OUT ↩

提交画面

1. **BCA Project Ref**
Eg: AXXX-XXXX-XXXX

2. **Project Description**
eg; ICPHXXX, Building Work at Kaki Bukit

3. **Owner (eg. GPE, developer)**

4. **UEN of Main Contractor**

5. **Name of Main Contractor**

6. **Date of ART Swab**

7. **No of Forecasted ART Swab**

8. **Actual No of ART Swab**

9. **No of Inconclusive ART Swab**
Indicate '0' if none

10. **No of Ag+**
Indicate '0' if none

11. **No of AG-**

12. **Number of workers onboarded on ART from commencement to date in my project (i.e. unique individuals who have done ART)**

13. **Declaration**
☐ I declare that the information provided above is updated and accurate to the best of my knowledge.

14. **Comments and Feedback (if any)** (optional)

SUBMIT

下午 5 点前提交 ART 测试详细信息。
*如果没有ART操作，则无需更新。

抗原快速检测 (简称ART) 的实施

将 ART 结果上传到 SRS 系统

将向个人发送关于他们的 ART 结果的短信

抗原快速检测 (简称ART) 的实施

抗原快速检测 (简称ART) 的实施

Ag-/Ag+/重新测试的 Ag 无效的工作流程

Worker arrives at worksite for ART self swab → **ARI Symptoms DETECTED** → Worker should consult a doctor for medical treatment immediately *(per usual ARI workflow)*

No ARI Symptoms → Worker undergo self swab and wait for results

Ag- (Negative) → Worker proceeds to work

Ag Invalid → **1st test** → Worker inform Employer/Supervisor on result and request for new test kit

2nd ART Swab test is Invalid[1] → Ag+ (Positive) / Re-tested Ag Invalid → Ag+ Worker to be isolated at site

No ARI Symptoms → Employer to issue referral note and arrange private transport[2] to SASH PHPC for confirmatory PCR test
• Worker to bring NRIC and referral note (signed by Employer) for verification

ARI Symptoms DETECTED → Employer arranges CMTG conveyance[3] to SIF for isolation and confirmatory PCR test

Employer/Supervisor to submit all results to SRS/Sector Leads

Worker to self-isolate at own place of residence until PCR results return. If worker is unable to self-isolate at home, SASH PHC will help to arrange for CMTG conveyance to SIF

PCR (C-) → (to Employer/Supervisor submit)

PCR (C+) → Public Health Actions Commence

[1] Only workers with two Ag invalid results would be treated as Ag+. Workers are to be issued with the referral note for confirmatory PCR swabs.
[2] To be conveyed via a private transport (e.g. car / taxi) with windows wind down.
[3] Case Management Task Group (CMTG) can be contacted at 6435-4060 to help arrange for conveyance of the worker to a Swab Isolation Facility (SIF)
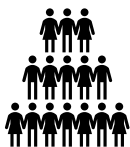
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潜在的挑战

缺乏对 ART 要求的认识

ART 拭子现场时间分配

人力约束

人员没有执行正确的自拭子技术

空间约束

Together, we can!

让我们共同努力，以心态战胜疫情

THANK YOU.
谢谢