

## EMSD 70th Anniversary Video – Short Version

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| Becky A1:       | Hong Kong's sluggish industries after the war were in dire need of revival<br>At the time, the Public Works Department was responsible for the maintenance works of government's infrastructure<br>Including vehicles, lightings, telegraph, cables, telephones, radios and lifts   |
| Describer:      | Becky, EMSD engineer, is walking with a group of visitors from EMSD Headquarters Piazza to the reception area. They stop in front of a big TV monitor. Becky starts to explain.   |
| Participant A2: | Wow! Weren't that a lot of things to do?<br>How many colleagues were there?   |
| Describer:      | A visitor standing behind Michael and Emily asks.   |
| Emily A3:       | In fact, there were not many employees<br>only around 700 employees with apparently all managed by one Chief Engineer<br>Emily turns to speak to Michael, thinking it is Michael's question.  |
| Describer:      | You know EMSD quite well  |
| Michael A4:     | Michael puts down his mobile phone and says to Emily.   |
| Describer:      | Because I am working on a project about EMSD  |
| Emily A5:       | I did some research earlier<br>And today I come to learn more<br>Emily keeps on explaining.   |
| Describer:      | Ah... I see   |
| Michael A6:     | Michael answers.  |
| Describer:      | On 1 February, 1948   |
| Becky A7:       | The Mechanical, Electrical, and Transport Offices under the Public Works Department merged to form the Electrical and Mechanical Office<br>Its workshop was in Caroline Hill Road<br>the predecessor of EMSD<br>Let's go to the EMSD Gallery and have a look<br>Camera turns to Becky, who keeps on explaining to the visitors. |
| Describer:      | Here is the EMSD Gallery  |
| Becky B1:       | Hong Kong's population grew in the 1950s and 1960s<br>The government devoted more resources to building infrastructure<br>When these facilities were completed  |

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| Describer:  | <p>the Electrical and Mechanical Office was tasked with the operation and maintenance of them</p> <p>They included piers, hospitals, the City Hall, road tunnels, public lighting, incinerators, British military barracks and other E&amp;M facilities</p> <p>Due to the high demand for manpower and the lack of formal training for local technicians then</p> <p>The E&amp;M Office, together with the Kowloon-Canton Railway and the Water Supplies Office,</p> <p>then jointly organised the First Government Apprentice Training Programme in 1955</p> <p>hoping to train more local E&amp;M talents</p> <p>Becky leads the visitors to the EMSD Gallery and stops at the entrance. During Becky's explanation, there are photo inserts of night scene of Nathan Road in the 60's, Kai Tak Airport, swimming pool facilities, postal equipment, Queen's Pier, Queen Mary Hospital, City Hall, Lion Rock Tunnel, traffic light facilities, incinerator, stage lighting, Tsimshatsui Clock Tower and the Apprentice Training Programme of 1955.</p> |
| Michael B2: | <p>My dad was an apprentice</p> <p>and now he always asks me to join EMSD</p> <p>I don't get it</p> <p>Michael turns to speak to Emily</p>   |
| Describer:  | <p>Oh</p>  |
| Emily B3:   | <p>Emily replies and looks at Michael silently.</p>  |
| Describer:  | <p>Here is our VR experience area</p>  |
| Becky B4:   | <p>Would two of you please put on the VR goggles</p> <p>and experience this virtual game of "Engineering Life &amp; Dreams"</p> <p>Others please follow me to see other exhibits</p> <p>Becky leads the crowd to the VR experience area. Michael and Emily take the</p>  |
| Describer:  | <p>lead to sit on the bench and put on the VR goggles to experience the virtual game. Becky brings the rest visitors to other exhibiting areas.</p>  |
| VO C1:      | <p>Welcome to Engineering Life &amp; Dreams</p> <p>Mission One</p>   |
| Describer:  | <p>The virtual game of "Engineering Life &amp; Dreams" starts. "Mission 1" appears on the screen.</p>  |

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| VO C2:       | This is the E&M Office's vehicle workshop at Caroline Hill Road<br>Both the workshop and the high block building were built in 1966<br>It had been EMSD's headquarters<br>until EMSD moved to Kowloon Bay in 2005 |
| Describer:   | In the virtual game, we see the vehicle workshop, the high block building and aerial view of EMSD Office at Caroline Hill Road.   |
| Keung C3:    | Little Brother, this car has the issues of engine vibration and stalling<br>Would you open the cylinder cap later<br>and check if the cable connecting the fire plug is broken?                                   |
| Describer:   | In 1970 at the vehicle workshop, Michael and Emily are wearing the apprentice uniform, standing in front of a vehicle under repair, and listening to Keung, the EMSD technician.                                  |
| Keung C4:    | It's about lunch time<br>Brother Ming, let's have lunch   |
| Describer:   | Keung turns his head and talks to Ming, another technician, who is repairing a vehicle from a distance.   |
| Ming C5:     | I'm almost done. Let me wrap it up. You go first  |
| Describer:   | Ming answers in a wide shot.  |
| Keung C6:    | Take your time, don't be too late though  |
| Describer:   | Keung reminds Ming.   |
| Michael C7:  | So hardworking, huh?  |
| Describer:   | Michael hears the conversation between Keung and Ming, then talks to Emily.   |
| Keung C8:    | Little Brother, Brother Ming is not such kind of person<br>As there is a shortage of social resources today<br>More ambulances repaired means more people saved   |
| Describer:   | Keung comes close to Michael. Emily shows sign of feeling uncomfortable.  |
| Ming C9:     | This is not simply a job for us<br>We are serving the public<br>Ambulances are closely linked to the lives of citizens  |
| Describer:   | Ming, who is repairing a vehicle under a car slot, speaks up to Keung, Michael and Emily.   |
| Michael C10: | Is it that serious?   |

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| Describer:     | Close to see Michael have queries.  |
| Keung C11:     | Don't you believe it?<br>Are you alright? Not feeling well?<br>You take care of her first, I'll call the ambulance  |
| Describer:     | Keung questions Michael, suddenly see Emily feeling uncomfortable and wants to sit down. Keung rushes to call the ambulance.                                      |
| Keung C12:     | The ambulance is here   |
| Describer:     | Keung comes back with an ambulance and 2 staff.   |
| Michael C13:   | Thank you so much for arriving so quickly   |
| Describer:     | The ambulance staff ask for the Emily's condition and put her onto the ambulance.   |
| Ambulance C14: | You're welcome, not only should we response fast<br>the vehicle's performance is also very important<br>If the ambulance doesn't work, there is nothing we can do |
| Describer:     | The ambulance staff explains to Michael their role and the importance of the ambulance.   |
| Michael C15:   | Thank you again   |
| Describer:     | Michael sees the ambulance leave.   |
| VO C16:        | Do you think Ming's hard work helps the society in any way?   |
| Describer:     | VO raises question to Michael and Emily.  |
| Michael C17:   | Yes, thanks to you, more lives can be saved   |
| Describer:     | Michael replies and presses the button "Yes" on the goggle.   |
| VO C18:        | Mission completed<br>You just earned a Service Provider badge   |
| Describer:     | The screen shows "Mission Completed" and posts the "Service Provider" badge under Michael and Emily's photos respectively.  |
| VO D1:         | Mission Two   |
| Describer:     | The screen shows "Mission 2" which starts immediately.  |
| Becky D2:      | In the 1970s and 1980s<br>Hong Kong entered a period of rapid development   |

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| <p>Describer:</p>                   | <p>The E&amp;M Office, in addition to being a service provider, also began to take care of the E&amp;M safety of private facilities including electricity, gas, lifts, cable cars and so on</p> <p>The E&amp;M Office was responsible for monitoring the safety of the facilities through law enforcement</p> <p>As the scope of work expanded, the E&amp;M Office was upgraded in 1982 and officially became today's Electrical and Mechanical Services Department</p> <p>Becky stands in front of City Hall and talks to the camera. During her conversation, there are photo inserts of electrical installations, gas installations, lifts and escalators and cable car system.</p> |
| <p>Michael E1:</p>                  | <p>Relax!</p> <p>Why bother when we have such professional maintenance staff who check so many things for us?</p> <p>There's no need to be so serious!</p>   |
| <p>Describer:</p>                   | <p>It's a scene in the Ocean Park, where Emily, Michael and Leung, EMSD Mechanical Inspector, are watching the maintenance check of the cable car.</p>   |
| <p>Leung E2:</p>                    | <p>Little Brother, we must be rigorous with our inspections</p> <p>Oftentimes, a moment of negligence might cause big problems</p> <p>We never leave anything to chance</p> <p>You see, our visitors are mainly families</p> <p>The maintenance team must of course be cautious but we as regulator should never let our guard down either</p> <p>It is up to us to protect the lives of people</p> <p>Do you understand?</p>  |
| <p>Describer:</p>                   | <p>Leung speaks to Michael and Emily, while tourists are getting on the cable cars. Michael nods his head after listening to Leung.</p>  |
| <p>Inspector E3:<br/>Describer:</p> | <p>We may now go up and check the other side of the hill</p> <p>Cable car inspector told Leung, Michael and Emily.</p>   |
| <p>Emily E4:</p>                    | <p>Are we taking the cable car uphill?</p> <p>I've always feared taking a cable car</p> <p>May I be excused?</p>   |
| <p>Describer:</p>                   | <p>Emily holds onto Michael's hand, and hesitates to take the cable car.</p>   |
| <p>Michael E5:</p>                  | <p>Don't be afraid!</p> <p>You've just seen how rigorously our colleagues perform their inspections</p> <p>So it's very safe, rest assured</p>   |

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| Describer:  | I'll take the ride with you<br>Michael calms Emily and hold her to get on the cable car.  |
| VO E6:      | Do you have confidence in taking the cable car now?   |
| Describer:  | The question appears on the screen for Emily to choose.   |
| Emily E7:   | Okay! Yes!  |
| Describer:  | Emily presses the "Yes" button of the VR goggle.  |
| VO E8:      | Mission completed<br>You just earned a Regulator badge  |
| Describer:  | Emily takes the cable car with Michael. The screen shows "Mission Completed".<br>Both Emily and Michael receive a Regulator badge.  |
| VO F1:      | Special Mission<br>Warning! Danger! Danger!   |
| Describer:  | "Special Mission" appears on the screen. The letter "Danger" flashes all the time.  |
| Michael F2: | No way! How dangerous could a VR game be?   |
| Describer:  | Michael, wearing the VR goggle, questions.  |
| Emily F3:   | But I'm scared  |
| Describer:  | Emily shows anxiety. She tries to hold on to Michael.   |
| Michael F4: | Don't be afraid. I'll be with you   |
| Describer:  | Let's carry on<br>Michael encourages Emily, touches her arm to show support.  |
| Becky F5:   | In 2003, the outbreak of SARS caused widespread fear across Hong Kong<br>Becky stands in front of Prince Wales Hospital and talks to the camera.  |
| Becky F6:   | Hospital is supposed to be a place where lives are saved<br>But during the SARS epidemic, it became the most dangerous place<br>Because of the spread of the virus in the hospital<br>many front-line hospital staff were infected<br>Yet, EMSD colleagues who worked at the hospitals remained dedicated<br>and worked hand in hand with the medical staff |
| Describer:  |   |

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| Michael F7:<br>Describer:      | Becky stands on the footbridge opposite to the Hospital and talks to the camera. During her description, there are photo inserts of the SARS epidemic attack in Hong Kong and EMSD's work against the disease.  |
| Emily F8:<br>Describer:        | Oh, why are we at my home?<br>Michael and Emily appear at Michael's home. Michael is surprised.   |
| Michael F9:<br>Describer:      | Is this your home?<br>Emily asks Michael for verification<br>Yes!   |
| Hang F10:<br>Describer:        | Dad?<br>Michael replies and suddenly sees his dad, Hang.  |
| Hang's Wife F11:<br>Describer: | Honey, I'll go to work now<br>Hang comes out from the bedroom to the dining room.<br>Hubby, can you not go to work?<br>SARS is rife at hospitals<br>Even medical staff themselves are infected  |
| Hang F12:<br>Describer:        | If anything happens to you, what should I do with our son<br>Hang's wife is worried about Hang's job, and asks if Hang will not go to work.<br>Honey, don't worry. I'll be very careful<br>With this job, I have the responsibility to serve the public<br>So I must return to the hospital<br>I'll be careful. Don't worry<br>Prepare a nice dinner for me when I come home tonight<br>Gotta go, bye bye |
| Tam G1:<br>Describer:          | Close to see Hang comforts his wife, who at last sees Hang leave home with distress.<br>There are new cases every day<br>We don't know where the viruses come from<br>We must find a solution to prevent viruses from spreading in the hospital   |
| Hang G2:<br>Describer:         | Michael and Emily appear in Hang's office, where Hang and his senior, Mr. Tam, are having a meeting. Mr. Tam is worried.<br>Tam Sir, I have a suggestion. Please see if it's workable<br>If we convert the ward into a negative pressure room   |

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| Tam G3:      | and suck the viruses out of the room as soon as possible  |
| Describer:   | we should be able to stop the spread of viruses<br>Close to see Hang proposing a solution to Mr. Tam.                                 |
| Hang G4:     |   |
| Describer:   | But no contractor would be willing to help us now<br>Mr. Tam questions Hang's suggestion.   |
| Tam G5:      |   |
| Describer:   | True. Shall we entrust this improvement project to our colleagues then?<br>Hang further proposes.                                     |
| Hang G6:     |   |
|              | Our colleagues may face danger if they go into the ward<br>Mr. Tam questions with worries.  |
| Describer:   | Sir, don't worry. If we wear enough protective clothing<br>there should be no problem<br>Sir, please let us try                       |
| Tam G7:      | Sir, no more second thoughts, just let us try<br>Hang is confident and tries to convince Mr. Tam to pass the job to him and his team. |
| Describer:   | Okay then<br>I'll discuss it with my boss and the hospital<br>If they all agree   |
| Hang G8:     | We will make some arrangement   |
| Describer:   | Camera pulls wide, Mr. Tam agrees to Hang's proposal. Michael and Emily see their discussion. Michael is worried.                     |
| Michael G9:  |   |
| Describer:   | Okay, thank you, sir<br>Hang smiles   |
| Emily G10:   | Dad, why are you so fearless? Life is precious!   |
| Describer:   | Hang and his team members put on the protective clothes and glasses. Michael screams on the side but nobody hears.                    |
| Michael G11: |   |
| Describer:   | Your father is a true unsung hero!<br>Emily praises Hang  |
| VO G12:      |   |
| Describer:   | Dad! Dad! Dad!<br>Michael shouts.   |

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| Michael G13: | Do you think Michael's dad should conduct the engineering work?<br>The screen shows the question for Michael to choose.  |
| Describer:   |  |
| VO G14:      | Shouldn't he?  |
| Describer:   | Yes, he should!<br>Michael hesitates, and finally chooses "Should".  |
| VO G15:      |  |
| Describer:   | Every EMSD staff member is passionate and committed to serving with heart<br>Hang and his team members are ready to go to work.<br><br>Congratulations to you two  |
| Becky G16:   | You both have successfully become Attentive Service Providers<br>The screen shows "Attentive Service Providers". Both Michael and Emily are awarded the badges.  |
| Describer:   | So, you have just finished your VR game<br>Let's go and see other environmental facilities of EMSD<br>Let's go!<br>This way please!  |
| Becky H1:    | Back to the reality, Michael and Emily finish the VR game and take off the goggles. Becky and the rest visitors come back to where Michael and Emily are. Then they leave together to visit other places.<br><br>This is the plant of Kai Tak District Cooling System<br>It supplies chilled water to the entire Kai Tak Development Area and reduces energy consumption by 35% compared to traditional air-cooled systems<br>It is a good example of EMSD's promotion of emission reduction and energy saving |
| Describer:   | EMSD will play the role of a facilitator with new ideas and new technologies and and strive to promote Hong Kong as a low-carbon smart city  |
| Becky H2:    | Becky brings the visitors to the plant of Kai Tak District Cooling System and explains to them its function and role of EMSD.  |
| Describer:   | It will also collaborate with the E&M trade to support Hong Kong's innovation development  |
| Michael H3:  | Director of Electrical and Mechanical Services, Mr Alfred Sit, comes out of the lift while Becky is explaining.  |

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| <p>Describer:</p>       | <p>Just realised EMSD has so many responsibilities</p>   |
| <p>Emily H4:</p>        | <p>No wonder my dad always asks me to join EMSD<br/>Turns out it's such a meaningful job</p>   |
| <p>Describer:</p>       | <p>Michael speaks to Emily and the rest visitors.</p>  |
| <p>Michael H5:</p>      | <p>That's why I'm very interested in EMSD<br/>I hope I can join EMSD in the future</p>   |
| <p>Describer:</p>       | <p>Let's work hard together</p>  |
| <p>Becky H6:</p>        | <p>Emily responds excitedly to the crowd and presses Michael's arm.</p>  |
| <p>Describer:</p>       | <p>Good!</p>   |
| <p>Director H7:</p>     | <p>A close-up smile of Michael</p>   |
| <p>Director H7:</p>     | <p>Director!</p>   |
| <p>Describer:</p>       | <p>Director walks towards the crowd. Becky greets Mr. Sit.</p>   |
| <p>Participants H8:</p> | <p>Hello everyone, you are Emily and you are Michael<br/>That makes the two of you E &amp; M<br/>Perfect if you two join our EMSD family together</p>  |
| <p>Describer:</p>       | <p>We should always remember to serve the public with heart<br/>and build a better future for Hong Kong<br/>EMSD counts on young people like you</p>   |
| <p>Describer:</p>       | <p>Director encourages Michael, Emily and all the rest visitors to join the industry.</p>  |
| <p>All Staff H9:</p>    | <p>Yes, sir!</p>   |
| <p>Describer:</p>       | <p>Everyone nods.</p>  |
| <p>Describer:</p>       | <p>Caring Serving Co-creating</p>  |
| <p>Describer:</p>       | <p>A group of EMSD staff stand in EMSD headquarters piazza to form the pattern of "70" and "heart". All of them look up to the camera with thumbs up, saying the EMSD 70th anniversary slogan.</p> |